ZYCOO® ZX20 SERIES IPPBX
USER MANUAL

V1.1

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TABLE OF CONTENTS

Chapter1 Safety Notice 3
Chapter2 Brief Introduction 4
2.1 Brief introduction of ZX20 4
2.2 Hardware Structure 5
2.2.1 Back Panel 5
2.2.2 Front Panel 5
2.2.3 Hardware: 6
2.2.4 Environmental Requirements: 6
2.2.5 Packing List 6
Chapter3 Basic Configuration 7
3.1 Preparation Before Operation 7
3.2 Before Making a Call 7
3.2.1 Login IP PBX 7
3.2.2 Basic Configuration 9
3.2.3 Time Based Rules 10
3.3 Outbound Call 11
3.3.1 Trunks 11
3.3.4 Outbound Routes 14
3.4 Inbound Call 16
3.4.1 Inbound Routes 16
3.4.2 IVR 17
3.4.3 IVR Prompts 18
3.4.4 Ring Groups 18
3.5 Black List 19
3.5.1 Pickup Call 20
3.6 On The Call 21
3.6.1 Call Parking 21
3.6.2 Transfer 21
3.6.3 Conference 22
3.7 Settings before leaving office 24
3.7.1 Follow Me 24
3.7.2 VoiceMail 25
3.8 Call Queue 27
3.8.1 Create Agent 27
3.8.2 Agent Registration 29
3.8.3 Agent Log Off 30
Chapter 4 Advanced 31
4.1 Options 31
4.2 VoiceMail 32
4.3 Music Settings 35
4.4 DISA 36
4.5 Paging And Intercom 37

4.6 Phone Book 37
4.7 PIN Set 38
4.8 Feature Codes 38
4.9 Auto Provision 41
Chapter 5 Status 43
5.1 Call Logs 43
5.2 Register Status 43
5.3 System Info 44
Chapter 6 System 45
6.1 Network & Country 45
6.2 TroubleShooting 45
6.3 DDNS & VPN 46
6.4 Time Settings 47
6.5 Management 48
6.6 Backup 49
6.7 Update 49
Chapter 7 Operating Instruction 50
7.1 ZX20 IP PBX is behind Router 51
7.2 How to combine two ZX20 IP PBX in the same network 51
7.3 How to combine two IPPBX in different network 55
7.4 How to resolve problems about hearing on one side only 57
Chapter8 How to use Skype account in ZX20 59

Chapter1 Safety Notice

Please read the following safety notices before installing or using this IP PBX. They are crucial for a safe and reliable operation of the device.

- Please use the external power supply which is included in the package. Other power supplies may cause damage to the device, affect the performance or induce noise.
- Before using the external power supply in the package, please check with residential power voltage. Inaccurate power voltage may cause fire and damage.
- Please do not damage the power cord. If power cord or plug is impaired, do not use it, otherwise, it may cause fire or electric shock.
- The plug-socket combination must be accessible at all times because it serves as the main disconnecting device.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not install the device in places where there is direct sunlight. Also do not place the device on carpets or cushions. It may cause fire or breakdown.
- Avoid exposing the device to high temperature, below -10°C or high humidity. Avoid wetting the unit with any liquid.
- Do not attempt to open it. Non-expert handling to the device could damage it. Consult your authorized dealer for help, or else it may cause fire, electric shock or breakdown.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with soft cloth that has been slightly dampened in a mild soap and water solution.
- When lightning, do not touch power plug or phone line, it may cause an electric shock.
- Do not install this device in an ill-ventilated place.
- You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazard involved with electrical circuitry and be familiar with standard practices for preventing accidents.

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Chapter2 Brief Introduction

2.1 Brief introduction of ZX20

Aim to SMEs (Small&Middle Enterprises), ZX20 Series IP PBX is a multi-function intelligent IP Phone system provided by ZYCOO. It doesn't only support traditional PBX functions, but also support virtual operator, Voicemail to email, media-music on hold, monitor, and conference, etc. In addition, it is very convenient for SMEs' management and maintenance, also easy to upgrade. SMEs can set up own phone system to improve the company image and office efficiency.

ZX20 series IP PBX includes: ZX20-A211, ZX50-A202, most of their features are same, main difference is the interface, please check the following table for details:

	Model	FXS	FXO
ZX20-A2	A211	1	1
	A202	0	2

Main Features

- 30 SIP registers
- Video Calls
- Auto Provision
- Multiple Language
- DID(Direct Inward Dialing Number)
- Support SKYPE for SIP
- Call Monitor / Record
- Support PoE
- FXO to FXS life line
- Codec: G.711-Ulaw,G.711-Alaw,G.726,G.729,GSM,SPEEX
- H.261,H.263,H.263+,H.264
- Call Hold / Forward / Transfer / Waiting / Parking
- Call Paging and Intercom
- Caller ID
- Music On Hold
- DISA(Direct Inward System Access)
- Flexible Dial Plan
- Ring Group
- Conference Room (3 rooms only)
- Black List
- Phone Book
- Call Queue
- BLF(Busy Lamp Field)
- Built-in SIP/IAX2 server
- Build-in voice mail server

- Echo Cancelation/VAD
- Configuration By web
- Support Static/DHCP/PPPOE
- VPN Client(Support N2N/L2TP)
- DDNS Client(Support Dyndns.org/No-ip.com /zoneedit.com)
- Support NTP(Network Time Protocol)

2.2 Hardware Structure

Here, we take ZX20-A202 as the sample to show the interface and the indicators.

2.2.1 Back Panel

- 2 Analog Port(RJ11)
- 1 Network Interface (RJ45)
- 1 Power Interface (DC 12V 2A)
- 1 Reboot Button

2.2.2 Front Panel

Mark	Function	Status	Description
PWR	Power Status	On	Power On
		Off	Power Off
SYS	System Status	On	System working
		Off	System Failed

WAN	WAN interface Status	Wink	Data exchanging
		Off	No Data exchanging
		Off	No Data exchanging
USB	USB Interface Status	on	With Mobile USB Disk
		Off	Without Mobile USB Disk
Port1-Port2	Analog Modules Status	Green	FXS channels
		Red	FXO channels
		Off	Failed

2.2.3 Hardware:

- 32bit embedded RISC DSP
- 256M Onboard Nand Flash
- 64M Onboard SDRAM

2.2.4 Environmental Requirements:

- temperature: -10 °C -45 °C
- Storage temperature: -30 °C -65 °C
- humidity: 10-80% no dew
- Power: AC 100~240V

2.2.5 Packing List

- ZX20 IP PBX 1 Unit
- Power Adapter 1 Unit
- CD (Quick Start Guide/ User Manual/ Pictures) 1 Piece
- Product Maintenance Card 1 Piece

Chapter3 Basic Configuration

3.1 Preparation Before Operation

What kind of IP Phone can be used with ZX20 IP PBX?
FXS Interface

- Analog Phone (normal phone like TCL)

SIP Extension

- ZP Series IP Phones provided by ZYCOO(ZP302/ ZP502/ ZP502P)
- IP Phone which supports SIP or IAX2 protocol (eg: CISCO, Grandstream, etc.)

3.2 Before Making a Call

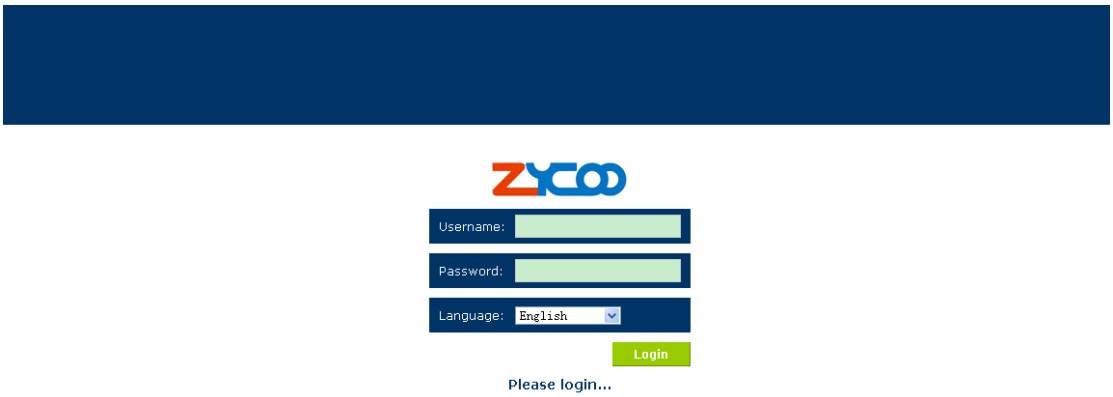
3.2.1 Login IP PBX

Getting IP Address
ZX20 IP PBX support 3 Ways to get the IP Address: Static/ DHCP/ PPPoE
Default IP And Port of WAN: http://192.168.1.100:9999

Default configuration and function key

- Web GUI username: admin
- Web GUI password: admin
- **11 Play the IP Address of WAN port
- 600 Enter into the Voicemail Box
- 900 Enter into the Meeting
- # Blind Transfer
- *2 Attended Transfer
- * Disconnect Call

Login the system
After connecting the IP PBX to the local area network, launch the web browser on a computer which is in this local area network. Enter the IP address of the system (WAN port IP address **http://192.168.1.100:9999.** The start web page will appear like this:

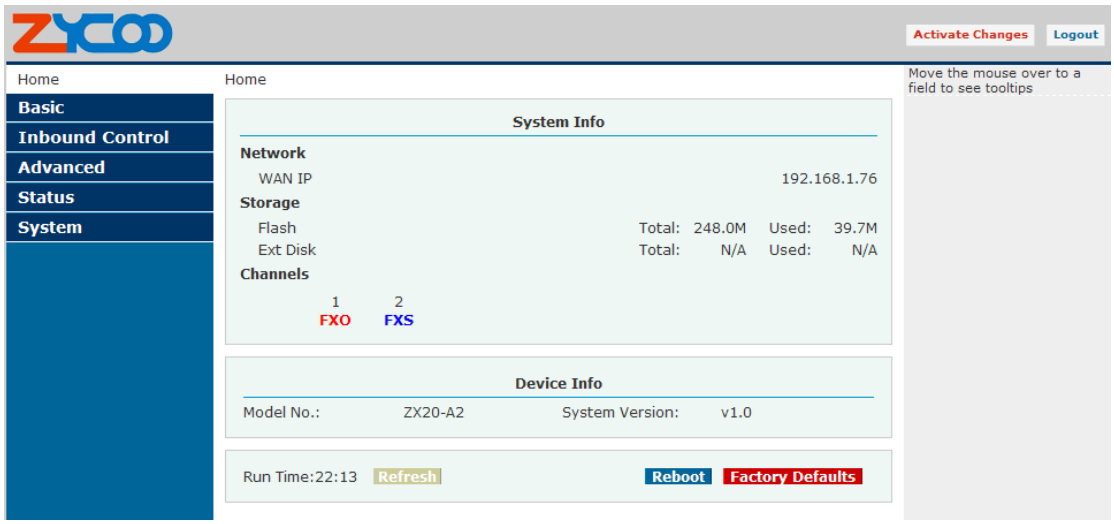


Enter Username and password (default username is **admin**, password is **admin**), then click “login”. Once the login is successful, the home page will be displayed:

Note:

1) you have to add a network segment same with the WAN port if your PC is not at 192.168.1.XXX.
2) For safety requirement, please modify the username and password after you login. You can modify in this page: “System”---“Management”
3) Generally, based on the default setting, if user didn’t do anything in 1 min after login, system will reflect it’s over time. If you want to continue operating, please login again.

If username and password are right, this following page will be displayed:



- Network WAN Port IP will be displayed
- Storage Total storage and used storage will be displayed
- Channels Channel information will be based on the product model
- Device Info Product Model and System Version will be displayed

Common Button

Besides of the device info in the home page, the following common buttons are displayed as well:

- Log out — Log out GUI
- Reboot — Reboot the IP PBX system
- Factory Defaults — Restore all settings to factory default
- Activate Changes — Activate the changes for your current configuration

System Menu

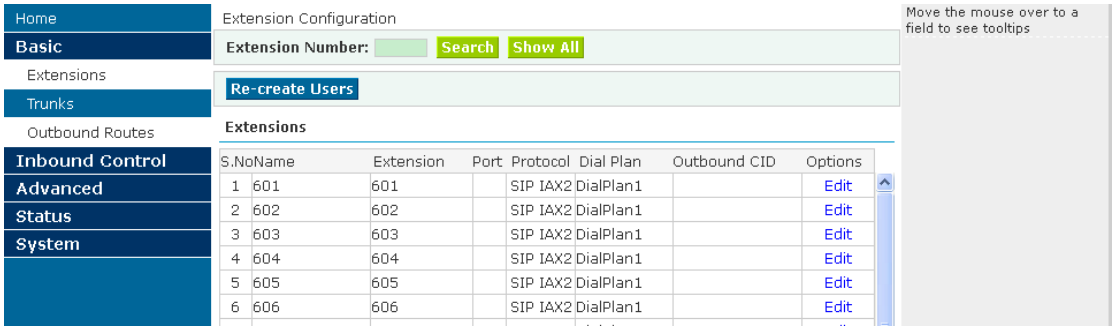
System Menu include the following sub menu:

- Home Page — Display device info
- Basic — Basic configuration on extension, trunks, etc
- Inbound Control — Configure Inbound Route, IVR and Black List, etc
- Advanced — Configure extension's default info, conference, etc.
- Status — Check record list, call logs, register status, etc here.
- System — Configure network, time, etc; manage call logs, back up files, etc

3.2.2 Basic Configuration

Configure Extensions

Zycoo IP PBX support SIP/IAX2 and analog extension, configure extension from this page: 【Basic】----【Extensions】



Extension Settings

Item	Explanation
Search	Search extension precisely or fuzzily
Show all	Show all extensions
Extension	Be connected to the phone eg: "888"
Name	Extension name (English letter is supported only) eg: "Tom"
Password	Password of SIP/IAX2 extension eg: "12u3b6"
Caller ID	Caller's ID eg: "801"
Outbound CID	Overrides the caller id when dialing out with a trunk.
VM Password	Voicemail Password for this user, eg: "1234".
E-mail	The e-mail address for this user, eg. "Tom@gmail.com"
Analog Phone	If this user is attached to an analog port on the system, please choose the port number here.
Dial Plan	Please choose the Dial Plan for this user，Dial Plan is defined

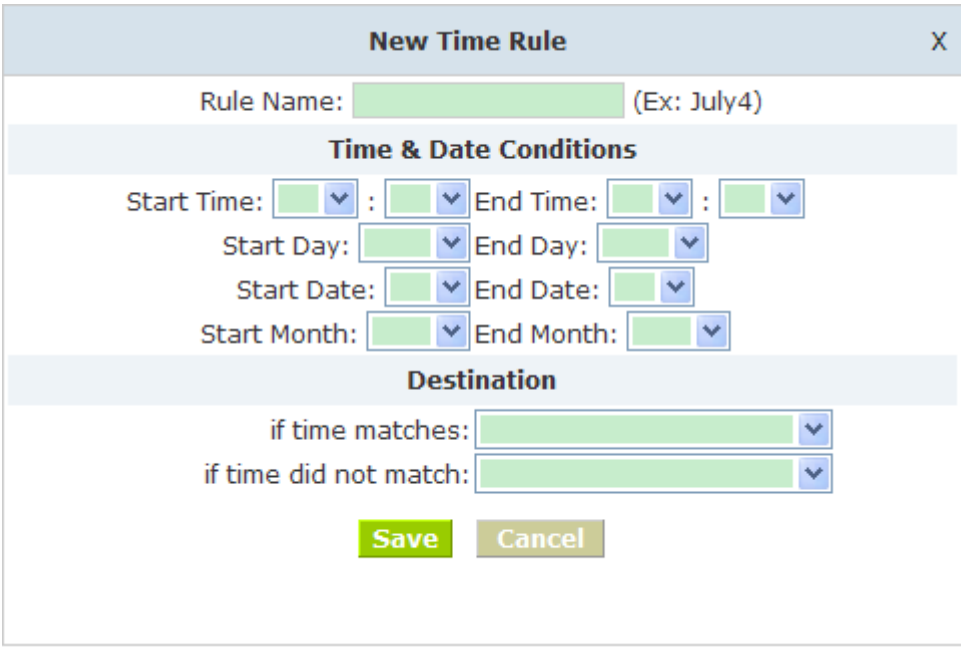
	under the "Outbound Routes".
Voicemail	This user will have a voicemail account after choosing this option.
Can reinvite	Set up calls directly between caller and receiver, after being connected by IP PBX system. This method is known to cause problems with certain hardware, such as the common Cisco ATA 186.
SIP	Check this option if the User or Phone is using SIP or is a SIP device.
IAX2	Check this option if the User or Phone is using IAX2 or is an IAX2 device.
T.38 Fax	Enables T.38 fax (UDPTL) pass through on SIP to SIP calls
Agent	Check this option if this User or Phone is an Call Agent.
NAT	Check this option if the User or Phone is located behind a NAT (Network Address Translation) enabled gateway.
Pickup Group	Select your pickup group.
Delete VMail	Voicemail will not be checkable by phone if you choose this option. Messages will be sent by email only. Note: You must configure SMTP server for this functionality.
DTMF Mode	The Dual-Tone Multi-Frequency mode to be used is specified here and can be changed if necessary. The default is rfc2833.
Video Call	Enable/Disable Video call for this extension
Permit IP	IP address and network restriction. eg: "192.168.1.77" or "192.168.10.0/255.255.255.0"
Auto Provision	Zycoo IP PBX can work with Grandstream and Yealink IP Phone on this function. Please select the phone manufacture and input MAC address of the IP Phone. For more details, pls check in Part 4.9
Codecs Configure	The allowed and disallowed codecs can be selected by clicking this link. Default codecs are alaw, ulaw and G.729.

Note:

There are 30 default extensions which number started with "8", you can modify extension by your requirement.

3.2.3 Time Based Rules

You can set working time rule and after-working time rule, and deal with your inbound call based on this time rule. Please set from this page:
【Time Based Rule】---【New Time Rule】:



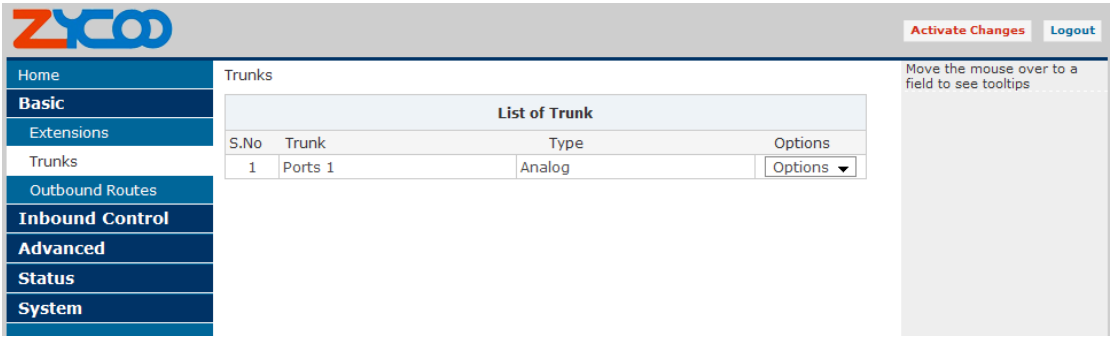
New Time Rule:

Item	Explanation
Rule Name	Define the time rule name.
Time & Date Conditions	Set time segment of Month/Date/Week.
Destination	How to deal with the inbound call in different time segment eg: Inbound call will be forward to IVR in working time.

3.3 Outbound Call

3.3.1 Trunks

If you want to set up outbound call to connect to PSTN(Public Switch Telephone Network) or VoIP provider, please configure on this page: 【Basic】->【Trunks】

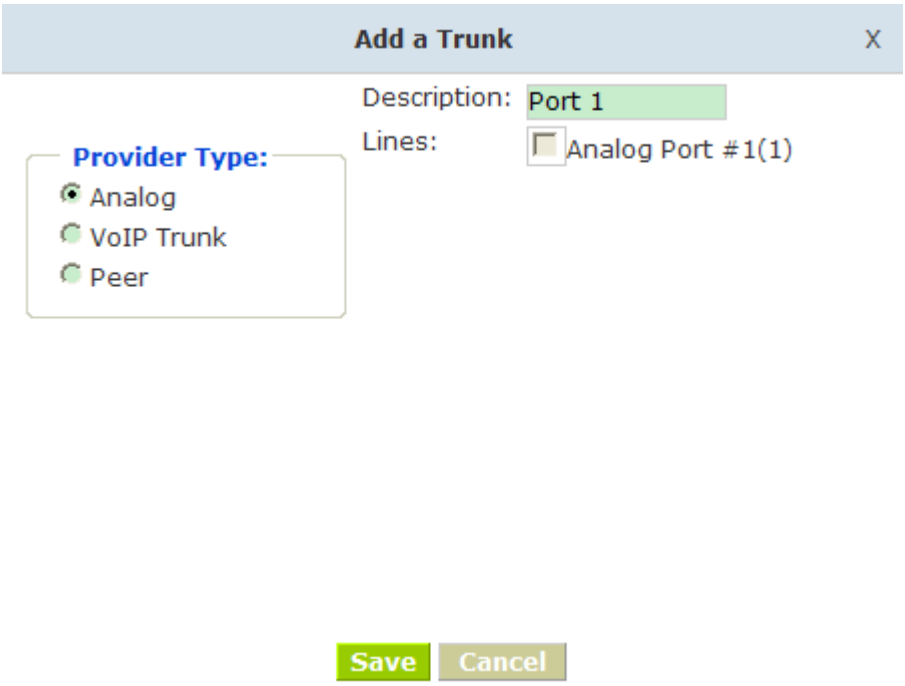


Zycoo IP PBX support 3 kinds of trunks: Analog/GSM line, Custom VoIP, Peer.

How to add each trunk:

1) Analog Line

Click 【Add a Dial Rule】->【Analog】

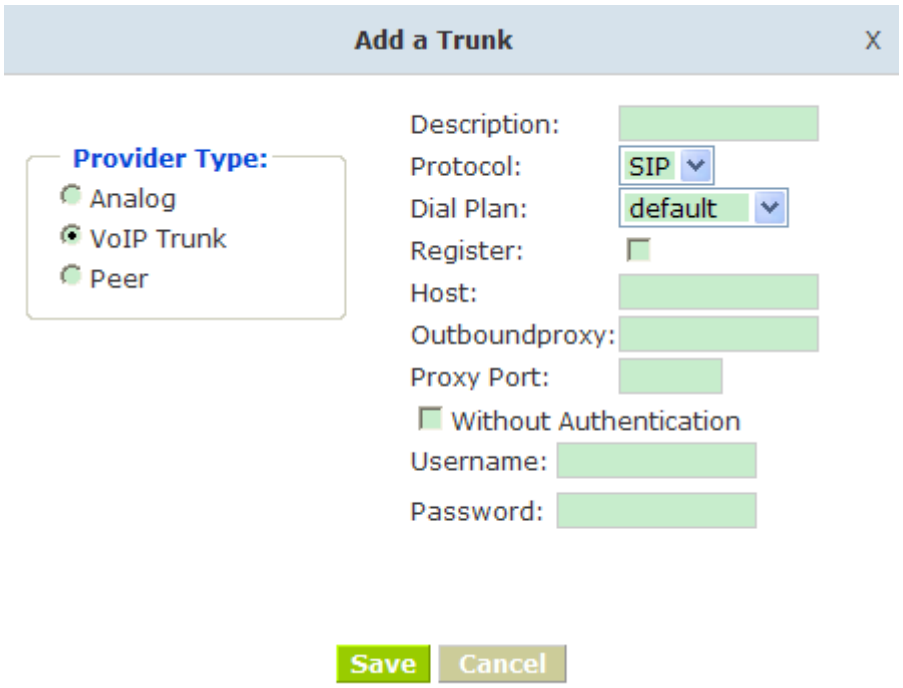


Item	Explanation
Description	Define description for the trunk.
Lines	Individual lines of the PBX eg: Analog Port #3: The third analog port of the PBX.

You can configure the Analog line through ZYCOO IP PBX. Same Analog line couldn't be used in multi trunks. If you don't have available Analog trunk, you can't set up trunk.

2) Custom VoIP

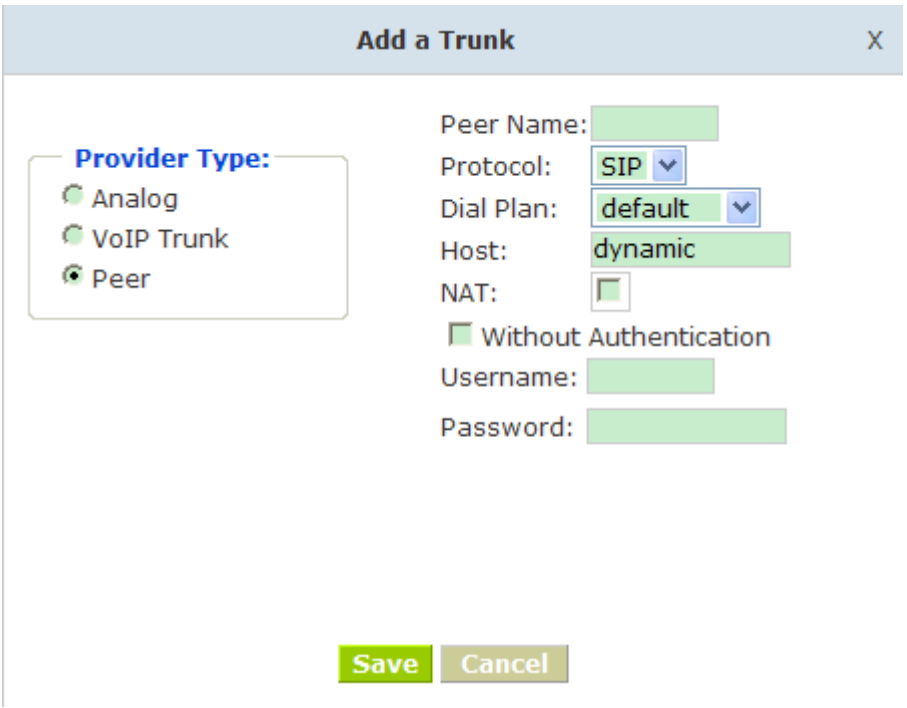
Custom VoIP allows you to create a VoIP trunk, please configure on this page: 【Add a Trunk】->【VoIP Trunk】



Item	Explanation
Description	Description for VoIP Trunk, digit or letter is allowed.
Protocol	Choose protocol for this trunk, SIP or IAX2
Dial Plan	Choose a dial plan for this trunk, define it in the submenu named【Outbound Routes】.
Register	Check for opening register service; otherwise register service is closed
Host	Host Address provided by VoIP Provider.
Outbound proxy	Outbound proxy is provided by VoIP Provider.
Proxy Port	Proxy Port is provided by VoIP Provider.
Without Authentication	If you don't use Authentication when connecting server, pls check this option.
Username	Username provided by VoIP Provider.
Password	Password provided by VoIP Provider.

3) Peer

ZYCOO IP PBX will be taken as a Client when you use "Peer", it's used for outbound call by connecting to another ZX20 IP PBX.



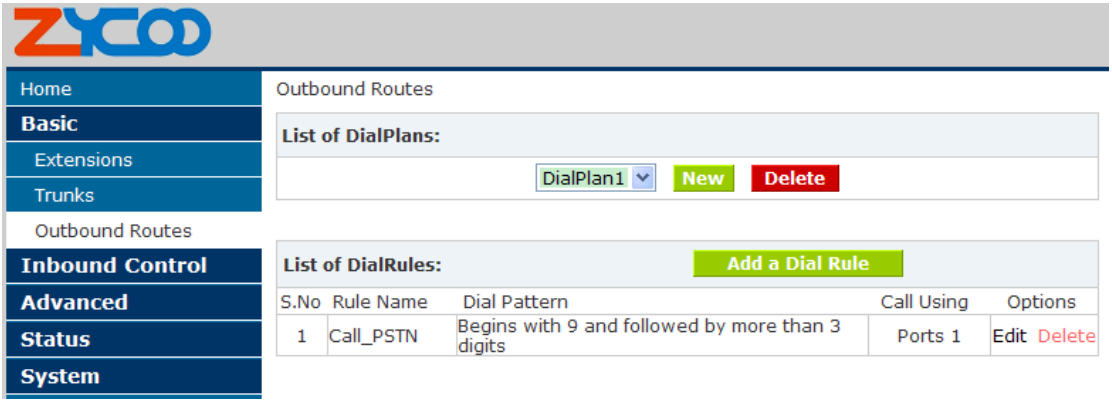
Item	Explanation
Peer Name	Define the Peer Name, digit or letter is allowed.
Protocol	Choose protocol for this trunk, SIP or IAX2
Dial Plan	Choose a dial plan for this trunk, define it in the submenu named 【Outbound Routes】.
Host	IP Address of the other ZX50 IP PBX
NAT	Check this option, extension user will be configured after NAT (Network Address Translation).
Without Authentication	If you don't use Authentication when connecting server, pls check this option.
Username	Username provided by the other ZX50 IP PBX.
Password	Password provided by the other ZX50 IP PBX.

Once A trunk is added, this trunk will be displayed in the "List of Trunk". You can define the codecs, configure advanced settings or delete this trunk from the drop downs of "Option"

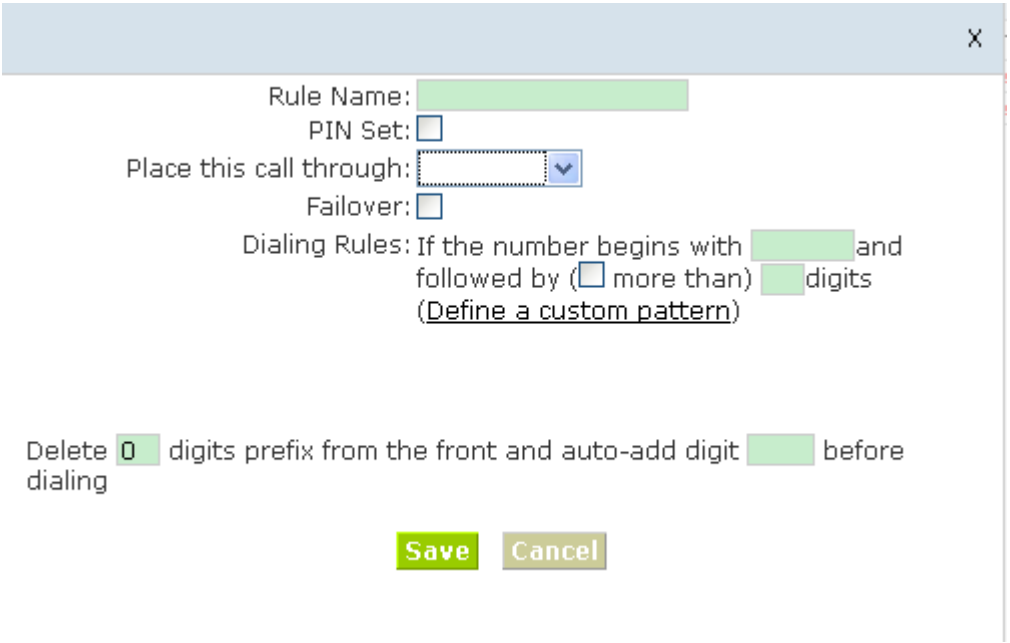
3.3.4 Outbound Routes

Outbound Routes is to define what trunk is used for outbound call by extension user. If you don't allow extension user call out, please ignore this part.

Please configure on this page: 【Basic】->【Outbound Routes】



On this page, you can configure basic match pattern of outbound routes and create different dial plan. Please configure by clicking【Add a Dial Rule】

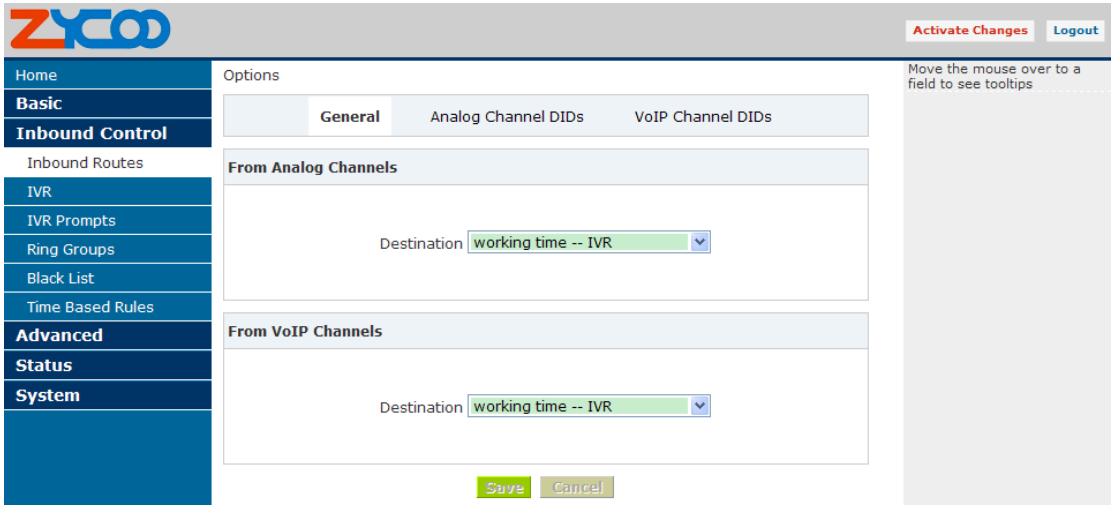


Item	Explanation
Rule Name	Set a name for this dial rule
PIN Set	Set PIN which you need input when you dial out by this rule.
Record in CDR	If you selected it, CDR will show which pin the call is outbound through
Place this call through	Choose a trunk for this rule
Dialing Rules	Define the number match pattern for dialing.
Define a custom pattern	N digit from 2 to 9 Z digit from 1 to 9 X digit from 0 to 9 . One digit or multiple digits
Delete[ ]digits prefix	If deleted one digit prefix, when dial 12345, digit 2345 will be sent.
Auto-add digit[ ]	If added digit"1", when dial 12345,digit 123451 will be sent.

3.4 Inbound Call

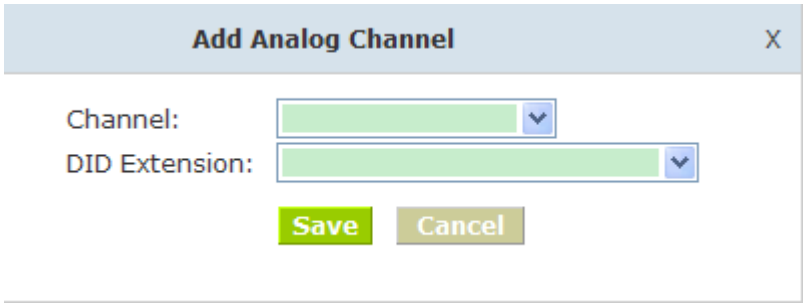
3.4.1 Inbound Routes

When a call from outside, you want to forward this call to an extension or IVR, this Chapter will introduce you how to deal with the inbound calls.
Please configure on this page:【Inbound Routes】



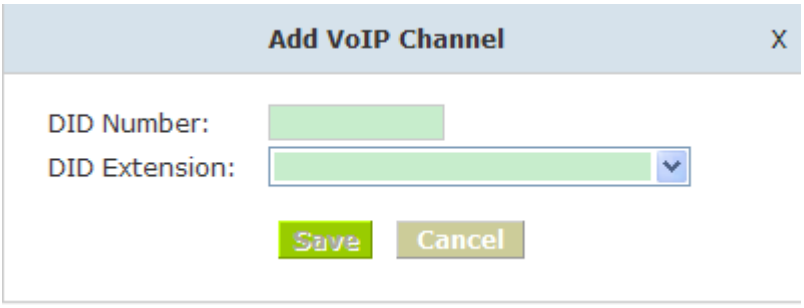
General
When a call from a trunk (Analog/ VoIP), it could be forwarded to an extension, call queue, conference or IVR. You can choose based on your requirement.

Analog Channel DID
If you want to direct the inbound call from a trunk (Analog) to a specified extension, call queue, conference or IVR, please configure on this page:【Add Analog Channel】



- Channel Choose Analog Port of trunk
- DID Extension Select Extension, call queue, conference or IVR for DID.

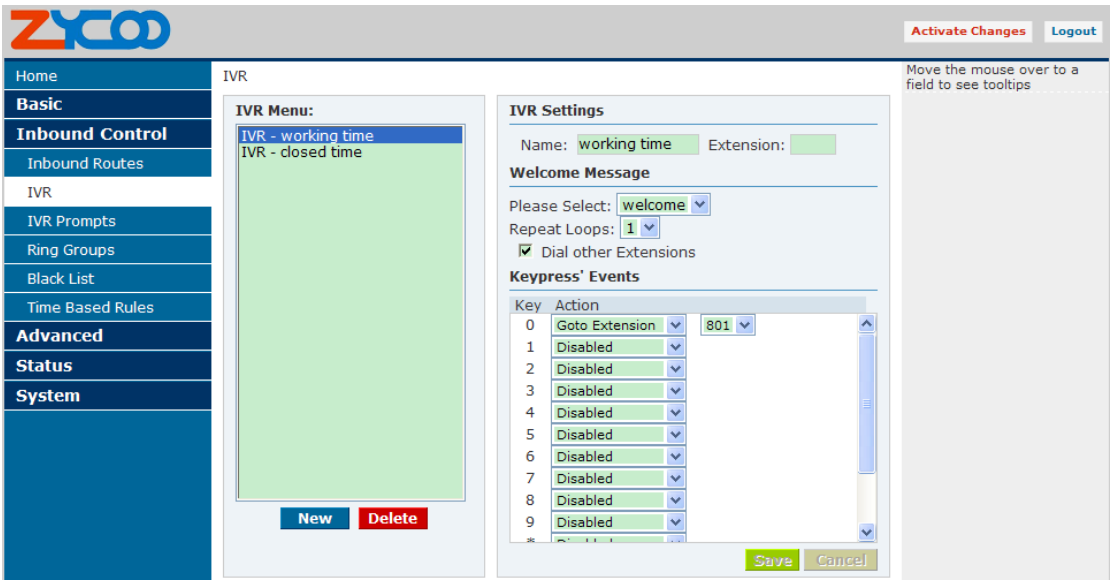
VoIP Channel DID
If you want to direct the inbound call from a VoIP trunk to a specified extension, call queue, conference or IVR, please configure on this page:【Add VoIP Channel】



- DID Number DID number calling into VoIP (This number is configured in the advance option of VoIP trunk)
- DID Extension Choose a specified extension, call queue, conference or IVR to be directed to call.

3.4.2 IVR

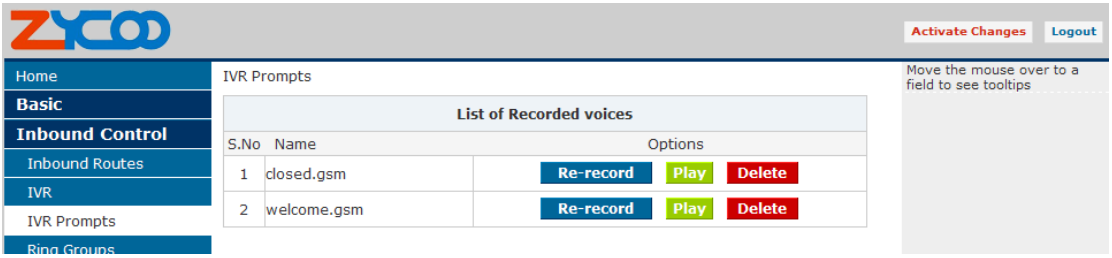
IVR will improve office efficiency based on your requirement.
Please configure on this page【IVR】



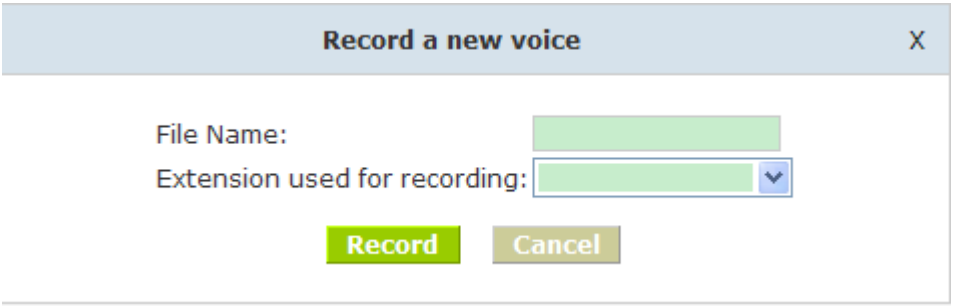
Item	Explanation
Name	Set a name for the IVR
Extension	If you want to listen to the IVR by dialing extension, please input an extension Number.
Please Select	Select IVR audio file, please configure on this page: 【IVR Prompts】
Repeat Loops	loop times to repeat playing the IVR prompt.
Dial other Extensions	Allow caller to dial other extension besides of the ones listed as below.
Keypress' Events	Each digit will be related to the actions defined in the blank.

3.4.3 IVR Prompts

Record or play IVR music from extension. Please configure on this page:【IVR Prompts】



Click【Record a new voice】to display the dialog as below:



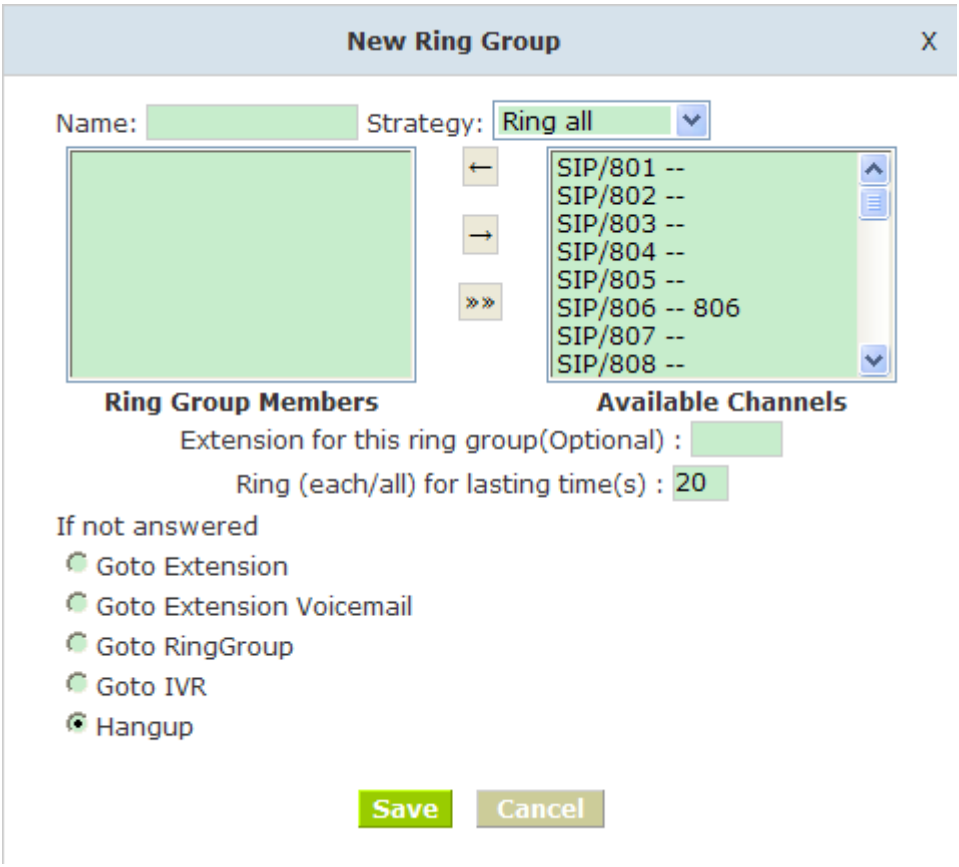
- File name　　Define a name for the recorded IVR file
- Extension used for recording　　Select an extension for recording,click【Record】button, the selected extension will ring, then you can record IVR.

3.4.4 Ring Groups

Ring Group is a collection of extensions. When a call to a ring group, all extensions in this ring group will ring in different way based on their different configuration, if ring time exceeded defined time, the call will be directed to IVR or others based on your configuration.

There isn't any data in the factory default 【Ring Groups】, please configure as below:

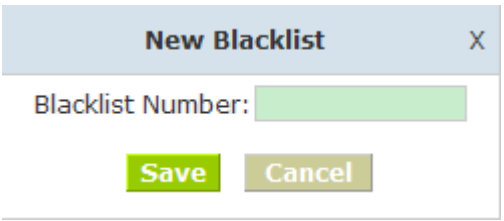
Click【New Ring Group】to display the dialog as below:



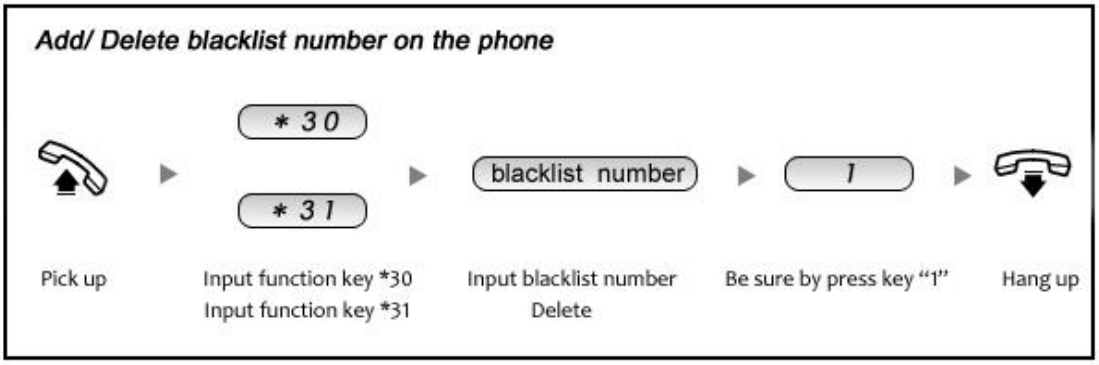
- Name Define a name for this ring group
- Strategy Select strategy : "Ring all" or "Ring in order"
- Ring Group Members Select ring group members in available channels, click ← to add
- If not answered You can choose forward the call to extension, extension, Voicemail, RingGroup, IVR or Hangup.

3.5 Black List

If some numbers need to be blocked, you can use this functionality.
Please configure in【Black List】, click【New Blacklist】to display this dialog as below:



Input caller's number in the blank, then this caller's number will be blocked when call again. Meanwhile, extension user can add or delete the blacklist number by function key on the phone.
Please operate as the following diagram:

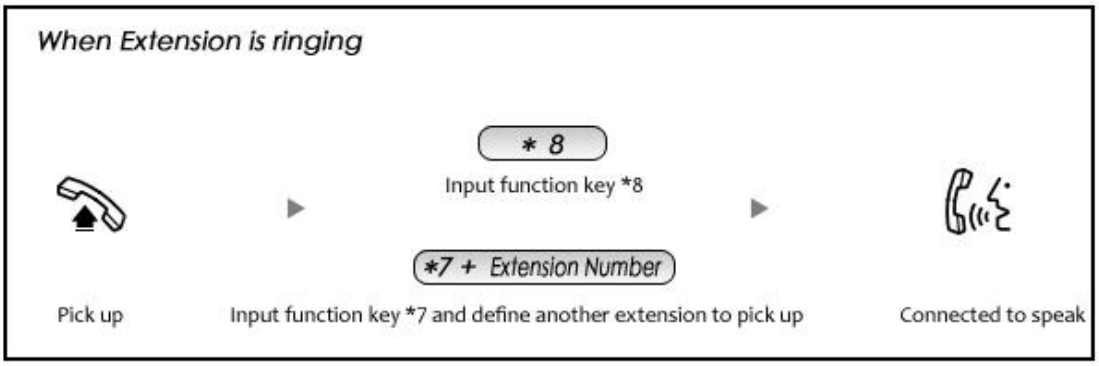


Reference Parameters and Explanation of Blacklist:

Item	Explanation
*30	When the extension user (in the system) input *30 to add a blacklist number, this number will be added to the "Black List"
*31	When the extension user input *31+ blacklist number, this number will be deleted from the "Black List".

3.5.1 Pickup Call

If an extension user is away from his/her desk, other extension users can pickup the call by function key on the phone. Please check the following diagram to learn:


When Extension is ringing
* 8
Input function key *8
*7 + Extension Number
Pick up
Input function key *7 and define another extension to pick up
Connected to speak

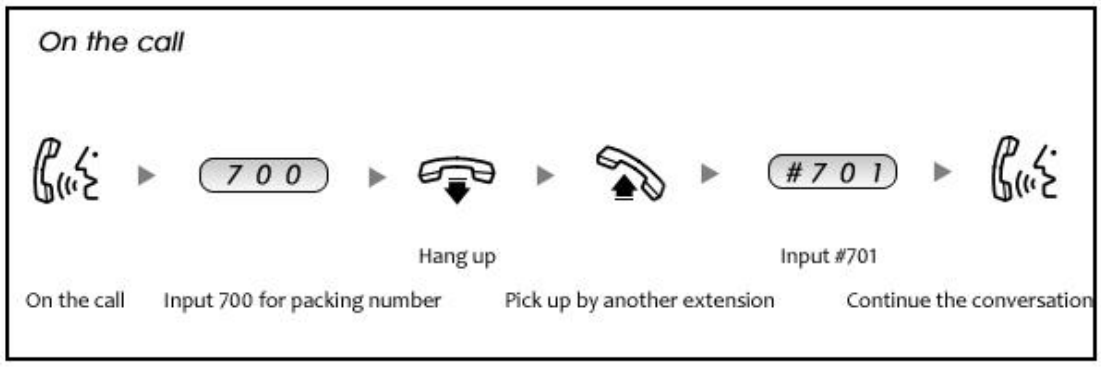
Reference Parameters and Explanation of Pickup Calls

Item	Explanation
*8	Pick up the ringing extension (in the system) at random. This can be defined in【Feature Codes】
*7	Defined extension number must be inputted after *7. This can be defined in【Feature Codes】.

3.6 On The Call

3.6.1 Call Parking

If you picked up a call at your seat, but it's not convenient to talk in public, you need go to the conference room to talk secretly. At this time, you can input 700 to park this call, the system will tell you a parking number 701 which you can input for continuing conversation when you go to the conference room. Please check the diagram as below to learn:

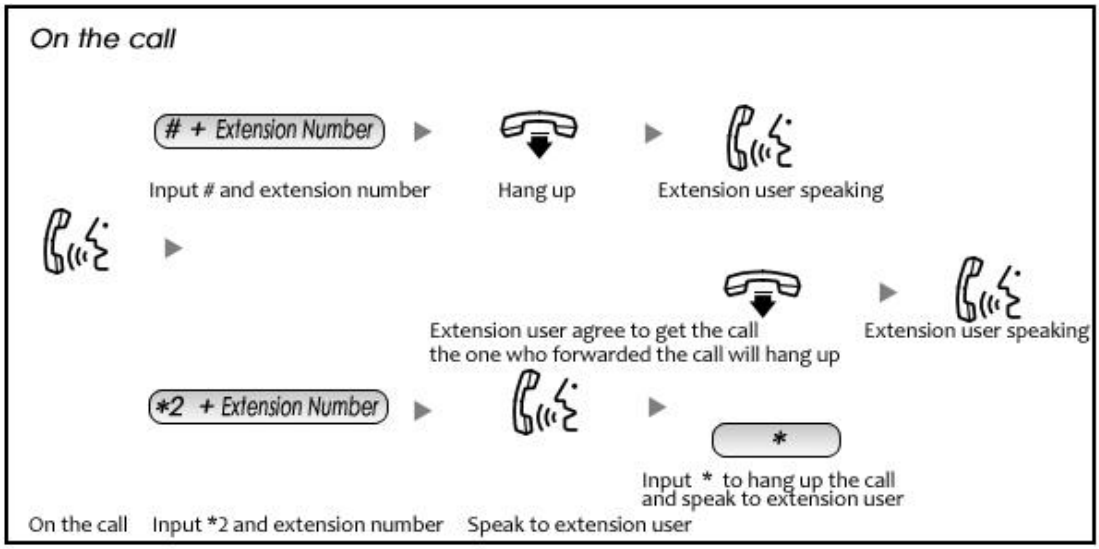


Reference Parameters and Explanation of Call Park:

Item	Explanation
Extension to Dial for Parking Calls:	Default number is 700. It can be defined in【Feature Codes】
What extension to park calls on	Default number is 701-720.It can be defined in【Feature Codes】
How many seconds a call can be parked for	Default is 45 seconds. It can be defined in【Feature Codes】

3.6.2 Transfer

If an incoming call asked to speak to your colleague, you can transfer the call directly to your colleague or transfer the call after agreed by your colleague. Please check the diagram as below to learn:

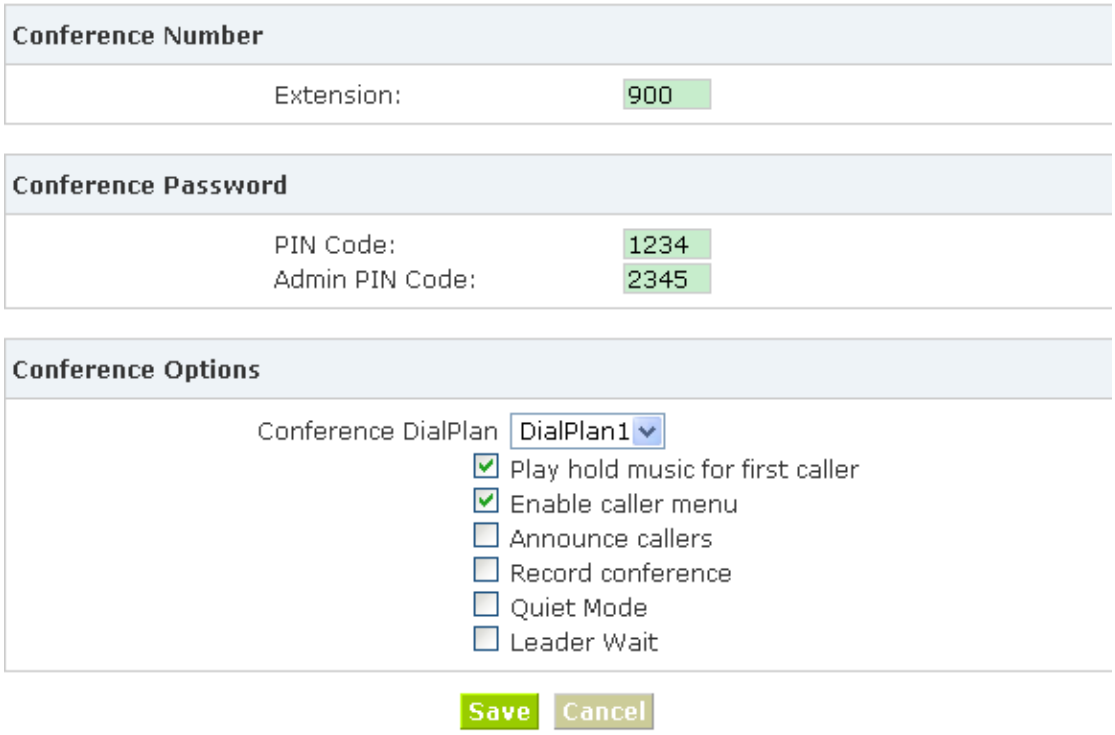

On the call
+ Extension Number
Input # and extension number
Hang up
Extension user speaking
Extension user agree to get the call
the one who forwarded the call will hang up
Extension user speaking
*2 + Extension Number
*
Input * to hang up the call
and speak to extension user
On the call
Input *2 and extension number
Speak to extension user

Reference Parameters and Explanation of Transfer:

Item	Explanation
Blind Transfer	Default is #, it can be defined in【Feature Codes】
Attended Transfer	Default is *2, it can be defined in【Feature Codes】
Disconnect Call	Default is *, it can be used after you use function key " *2 ". it can be defined in【Feature Codes】
Timeout for answer on attended transfer	Default is 15 seconds, it can be defined in【Feature Codes】

3.6.3 Conference

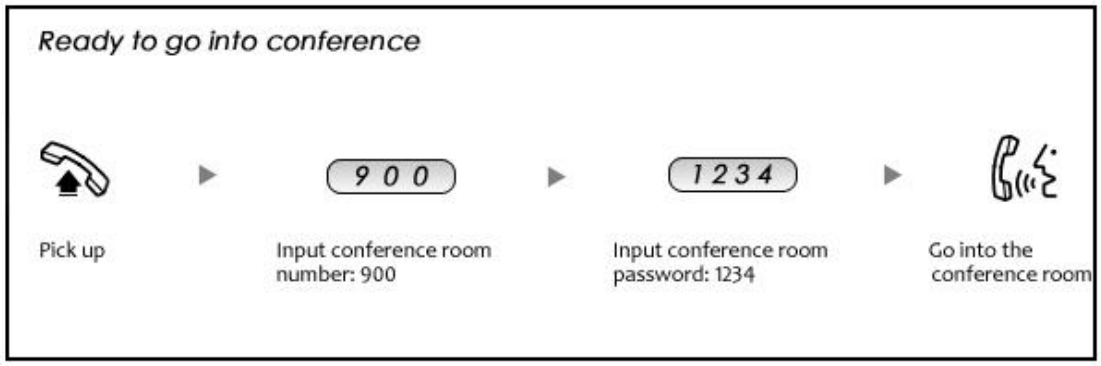
If you wanted to create a conference room for some extension users or with external lines, you can input conference room number 900, input conference room password 1234 (Admin's password is 2345), then enter into conference room. Please configure on this page【Conference】:



Item	Explanation
Conference Number	The number that users call in order to access the conference room, the default number is "900".
PIN Code	Participants enter the conference room by this code.
Admin PIN Code	Administrator enter the conference room by this code.
Conference DialPlan	Use the dialplan when you invite the other participant.
Play hold music for first caller	Check this option, Asterisk will play Hold Music to the first user in a conference, until another user has joined the same conference.
Enable caller menu	Checking this option allows a user to access the Conference Bridge menu by pressing the * key on their dialpad.
Announce callers	Checking this option announces to all Bridge participants, the joining of any other participants.
Record conference	Recording format is WAV。
Quiet Mode	If this option was checked, all users entering this conference will be marked as quiet, and will be in Listen-Only mode.
Leader Wait	Wait until the conference leader (admin user) arrives before starting the conference.

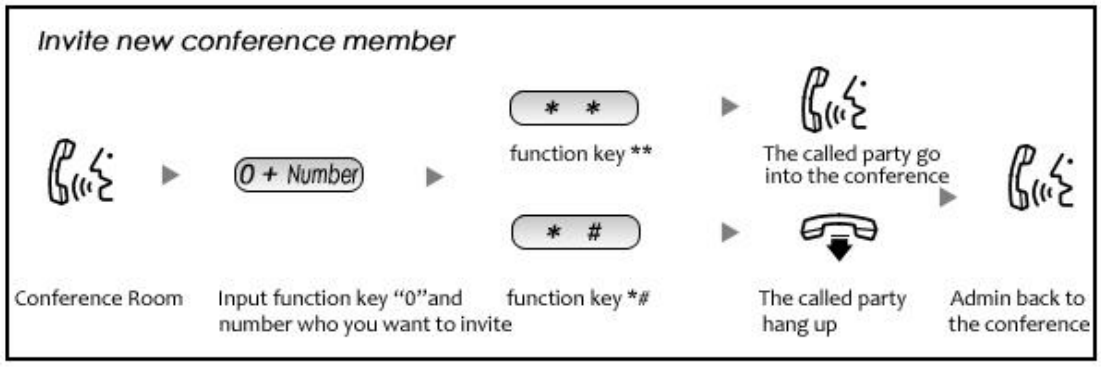
Please check the following diagram to learn:

Go to conference:



In the conference, admin can add new participant (extension user or external number) into the conference.

Add new participant:

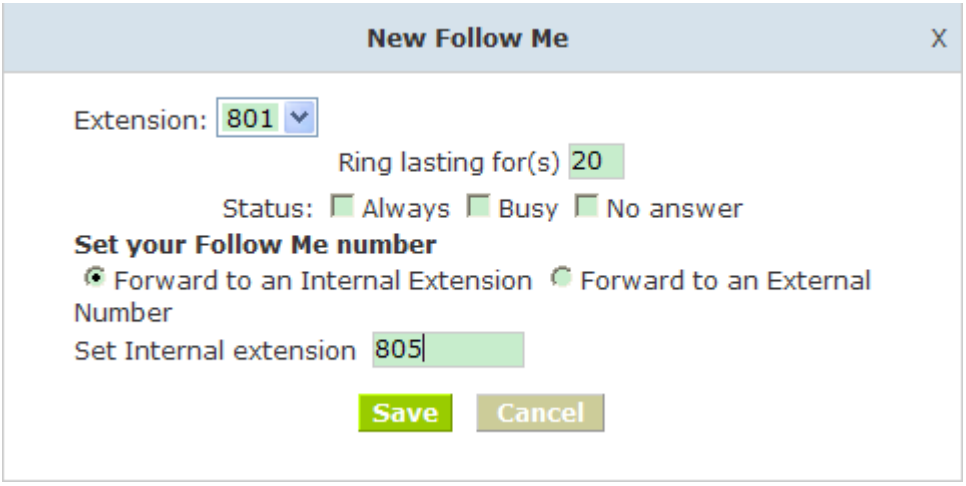

Invite new conference member
0 + Number
* *
function key **
* #
function key *#
The called party go into the conference
The called party hang up
Conference Room
Input function key "0"and number who you want to invite
Admin back to the conference

3.7 Settings before leaving office

3.7.1 Follow Me

If you don't want to lose any call, you can use this function.

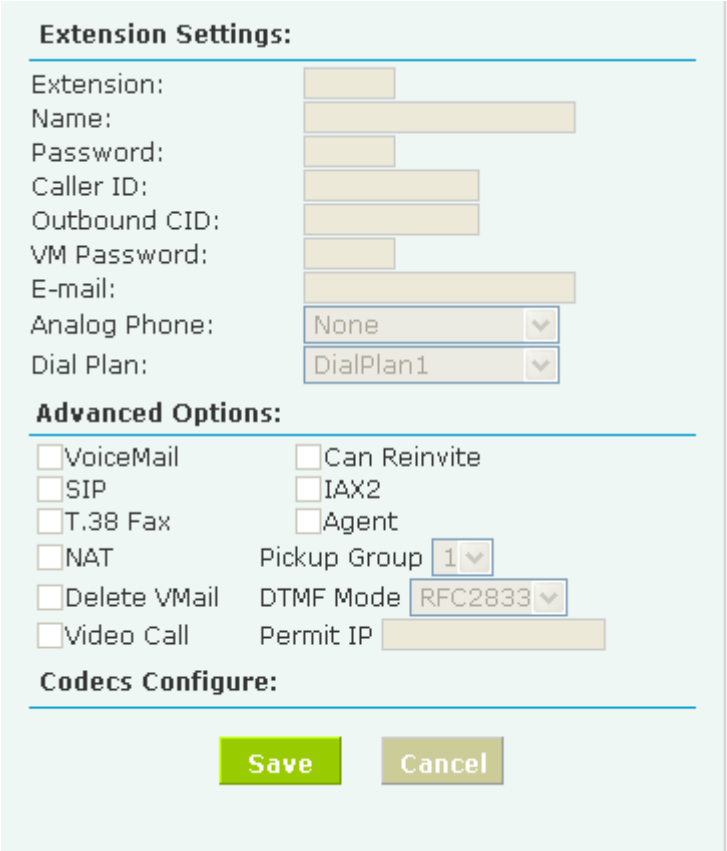
Please click【Follow Me】---【New Follow Me】



Item		Explanation
Extension		Choose an extension
Ring lasting for(s)		Default is 20 seconds, you can define it by yourself.
Status	Always	All incoming calls will be forwarded
	Busy	Forward when extension is busy
	No answer	Forward when extension not answer
Set your Follow Me number	Forward to an Internal Extension	Incoming call will be forwarded to internal extension.
	Forward to an External Extension	Incoming call will be forwarded to external number or mobile number.
Set Internal Extension		Set an internal extension to pick up the call.
Select DialPlan		Select DialPlan when forward the call to external number.
Set External Number		Set external number, like Mobile number.

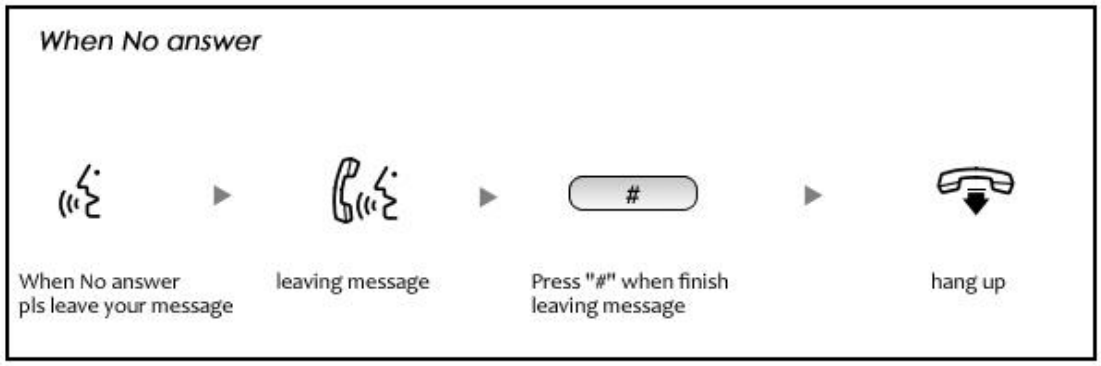
3.7.2 VoiceMail

If you don't want to configure "Follow Me", you can record the message of incoming call, and email the message to your defined mailbox.
Click【Extension】---【Extension Settings】

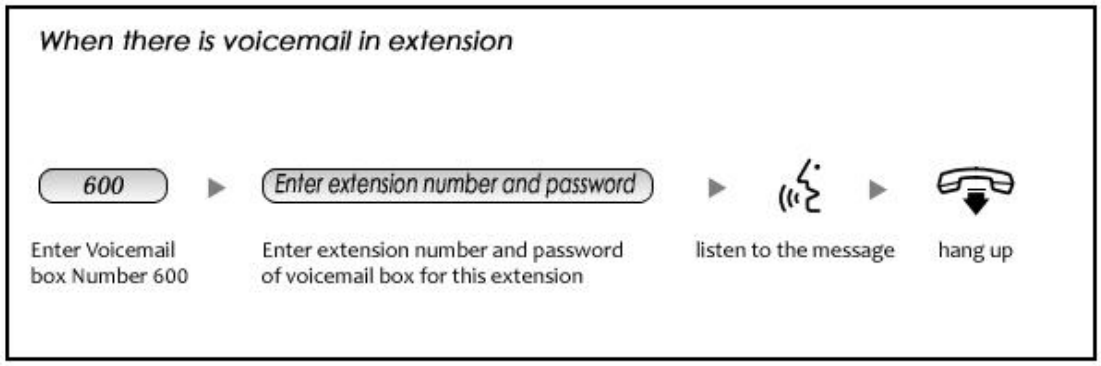


【VoiceMail】must be opened and【VM Password】must be configured before using "VoiceMail"。If no answer, when default ring time is over, the system will play and ask you to leave your message, press # to end recording. If you configured email, your voice message will be sent to your defined email.

Leave a message:



Listen to the message


When there is voicemail in extension
600
Enter extension number and password
Enter Voicemail box Number 600
Enter extension number and password of voicemail box for this extension
listen to the message
hang up

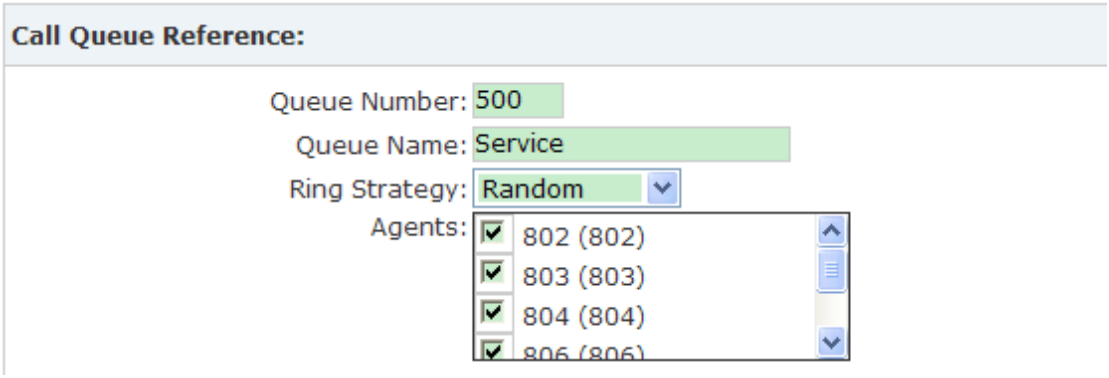
Note:

1) If you would like using this function, you must write correct email address in "extension settings"
2) You need configure SMTP and Email model in【VoiceMail】, please check the details in the following chapter【VoiceMail】

3.8 Call Queue

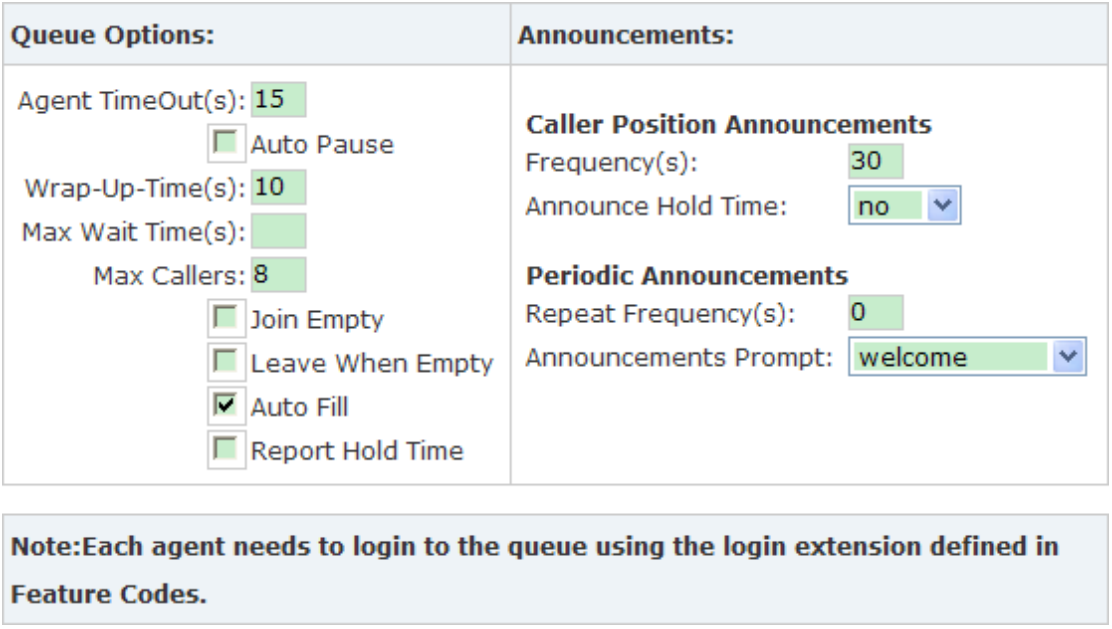
3.8.1 Create Agent

Check agent in the 【Extension Settings】---【Advanced Options】, then assign agent and Ring Strategy in 【Call Queue】, please learn from the following configuration interface:



Item	Explanation
Queue Number	This option defines the extension number that may be dialed to reach this Queue.
Queue Name	This option defines a name for this Queue, eg. "Sales"
Ring Strategy	RingAll -- Ring All available Agents until one

	answers(default). RoundRobin -- Take turns ringing each available Agent. LeastRecent -- Ring the Agent which was called least recently. FewestCalls -- Ring the Agent with the fewest completed calls. Random -- Ring a Random Agent. RRmemory --RoundRobin with Memory, and remember where it left off in the last ring pass.
Agents	All the users who is defined as Agent will be shown here. Selected agent will be a member of the current Queue.



Note:Each agent needs to login to the queue using the login extension defined in Feature Codes.

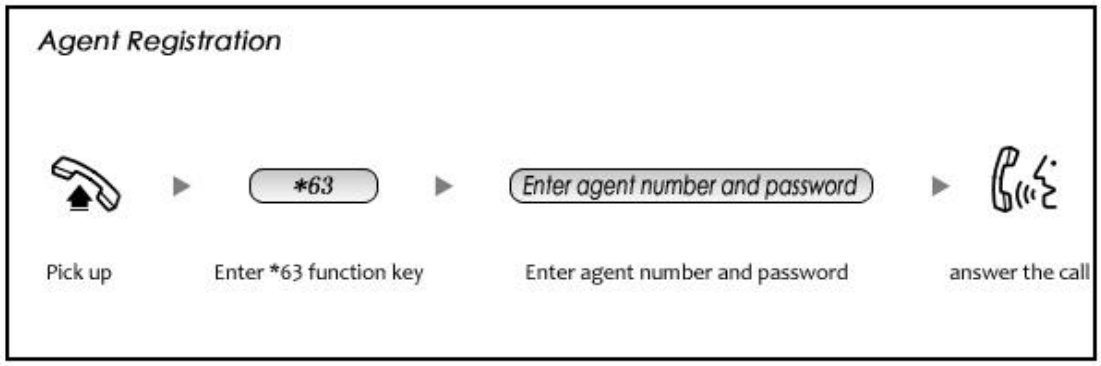
Item	Explanation
Agent TimeOut(s)	This option defines the time in seconds that an Agent's phone rings before the next Agent is rung, eg. "15"
Auto Pause	Pause an Agent if they fail to answer a call.
Wrap-Up-Time(s)	After a successful call, how many seconds needed to wait before sending another call to a potentially free agent (Default is 0, which means No Delay).
Max Wait Time(s)	The maximum number of seconds a caller can wait in a queue before being pulled out(empty for unlimited).
Max Callers	This option sets the maximum number of callers that may wait in a Queue(Default is 0, Unlimited).
Join Empty	Defining this option allows callers to enter the Queue when no Agents are available. If this option is not defined, callers will not be able to enter Queues with no available agents.
Leave When Empty	Defining this option forces all callers to exit the Queue if New

	Callers are also not able to Enter the Queue. This option should generally be set in concert with the "Join Empty" option.
Auto Fill	Defining this option causes the Queue, when multiple calls are in it at the same time, to push them to Agents simultaneously. Thus, instead of completing one call to an Agent at a time, the Queue will complete as many calls simultaneously to the available Agents.
Report Hold Time	Check this option if you wish to report the caller's hold time to the agent member before they are connected to the caller.
Frequency(s)	How often to announce queue position and estimated hold time(0 to Disable Announcements).
Announce Hold Time	Should we include estimated hold time in position announcements? Either yes, no, or only once; hold time will not be announced if <1 minute.
Repeat Frequency(s)	How often to announce a voice menu to the caller(0 to Disable Announcements).
Announcements Prompt	Select the 'Announcements Prompt' from IVR Prompts

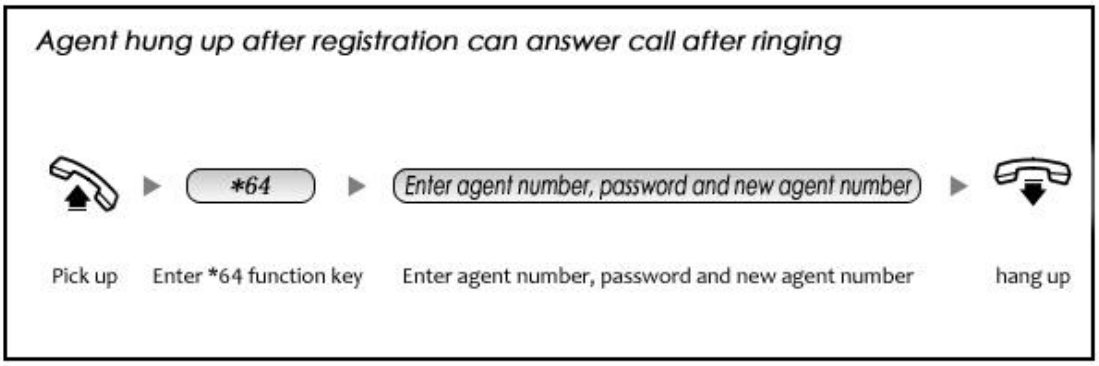
3.8.2 Agent Registration

You need register for using after creating agents.

Agent Registration when hook off



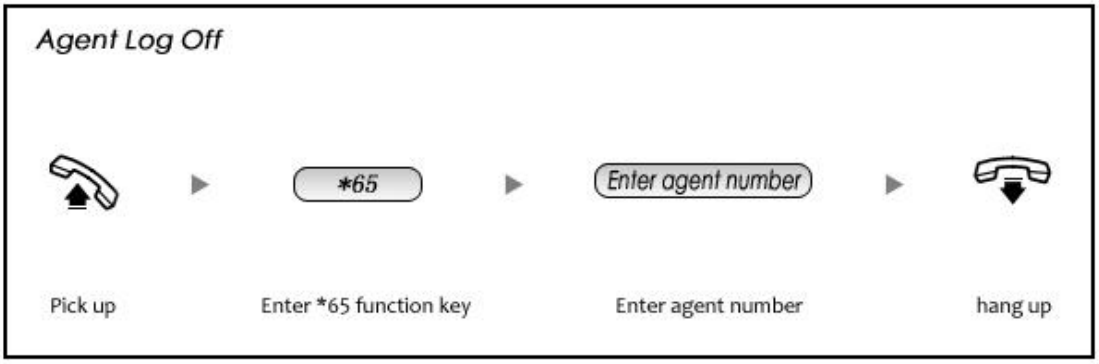
Agent Registration when hook on


Agent hung up after registration can answer call after ringing
*64
Enter agent number, password and new agent number
Pick up
Enter *64 function key
Enter agent number, password and new agent number
hang up

3.8.3 Agent Log Off

If agent would leave and log off, none of agent will answer calls then.

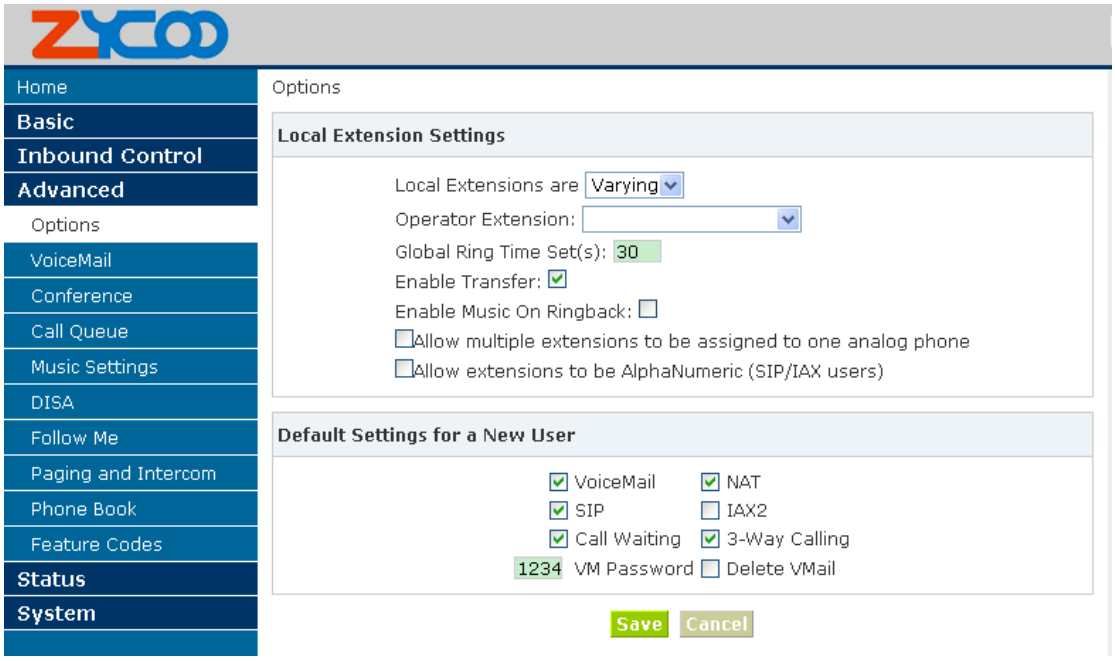
Agent Log Off:



Chapter 4 Advanced

4.1 Options

Options Include local extension settings and new extension default settings.
Click【Option】to display the dialog as below:

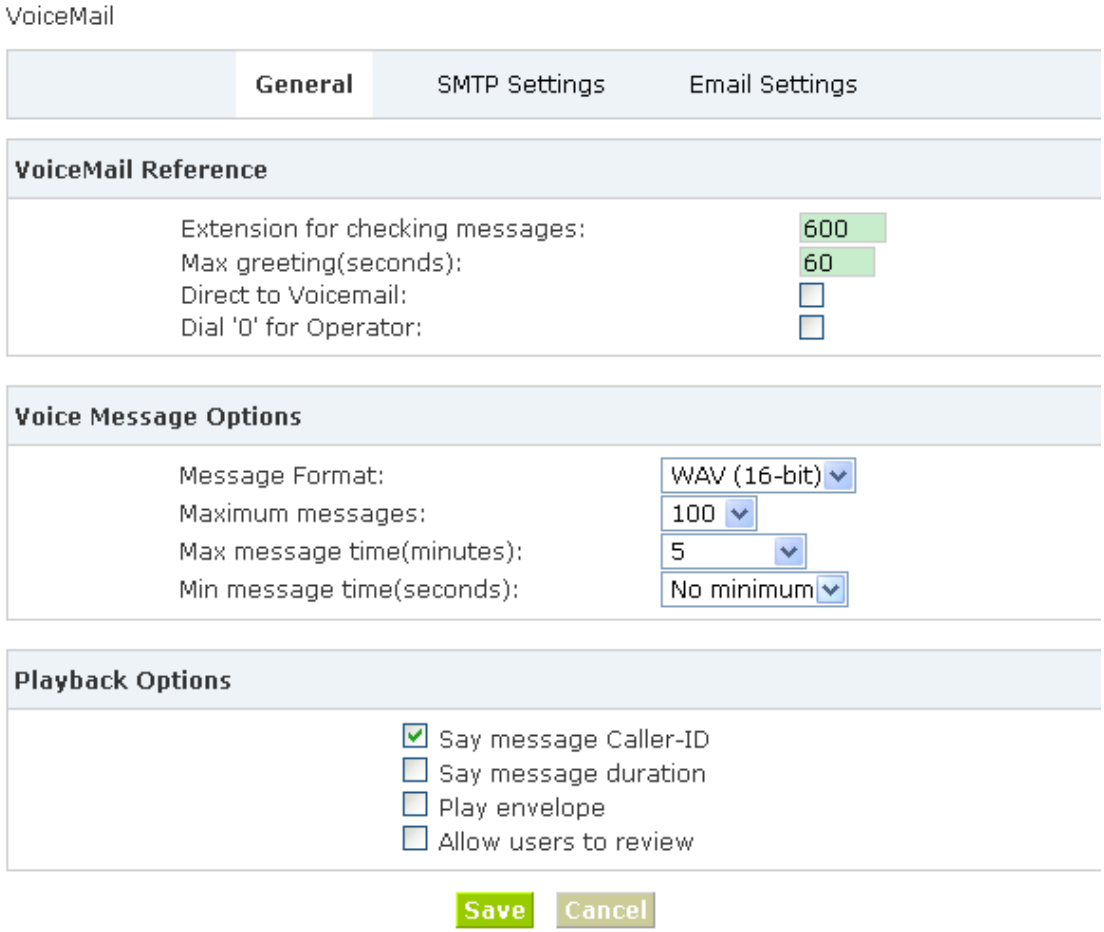


Item	Explanation
Local Extensions	Set up the digit of local extensions
Operator Extension	Set up Operator Extension.
Global Ring Time Set(s)	Set Ring Time for each extension.
Enable Transfer	Enable transfer feature key.
Enable Music On Ringback	Enable music on ringback.
Allow multiple extensions to be assigned to one analog phone	Allow multiple extensions to be assigned to one analog phone.
Allow extensions to be Alpha Numeric (SIP/IAX users)	If extension is Alpha, outside line can't call in, but extension can call out.
VoiceMail	This user will have a voicemail account after choosing this option.
NAT	Check this option if the User or Phone is located behind a NAT (Network Address Translation) enabled gateway.
SIP	Check this option if the User or Phone is using SIP or is a SIP device.
IAX2	Check this option if the User or Phone is using IAX2

	or is an IAX2 device.
Call Waiting	Check this option if the User or Phone should have Call-Waiting capability.。
3-Way Calling	Check this option if the User or Phone should have 3-Way Calling capability.
VM Password	Voicemail Password for this user, eg: "1234".
Delete VMail	Voicemail will not be checkable by phone if you chose this option. Messages will be sent by e-mail only. Note: ou must configure SMTP server for this functionality.

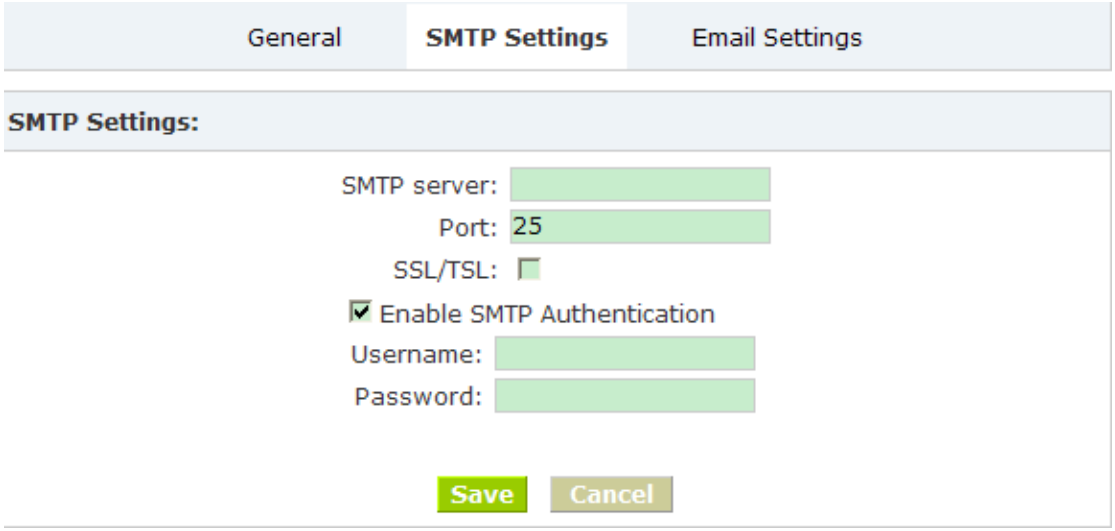
4.2 VoiceMail

Details configuration on VoiceMail: VoiceMail Reference/ Voice Message Options/ Playback Options. If you need send message by mail to your defined mailbox, you must configure SMTP and Email model.Click【VoiceMail】to display the dialog as below:



Item	Explanation
Extension for checking messages	The number that users call in order to access their voicemail accounts, the default number is "600".
Max greeting(seconds)	Defining this option to set a maximum time for the greeting message.
Direct to Voicemail	Defining this option to go to voicemail box directly.
Dial "0" for Operator	Callers entering the voicemail application can leave for Operator by dialing "0".
Message Format	Choose the format of the voicemail messages in this selection box.
Maximum Messages	Choose the maximum number of messages in this selection box.
Maximum message time (min)	Choose the maximum duration of a voicemail message. Message recording will be stopped when it's timeout.
Minimum message time (s)	Choose the minimum duration of a voicemail message in this selection box. Message time below this threshold will be deleted automatically.
Say message Caller-ID	Choose this option to play Caller's ID before voicemail message is played.
Say message duration	Choose this option to play the duration of message before the voicemail message is played.
Play envelope	Choose this option to play envelop (including date, time and caller ID).
Allow users to review	Choosing this option, the caller leaving the voicemail can review their recorded message before it's submitted.

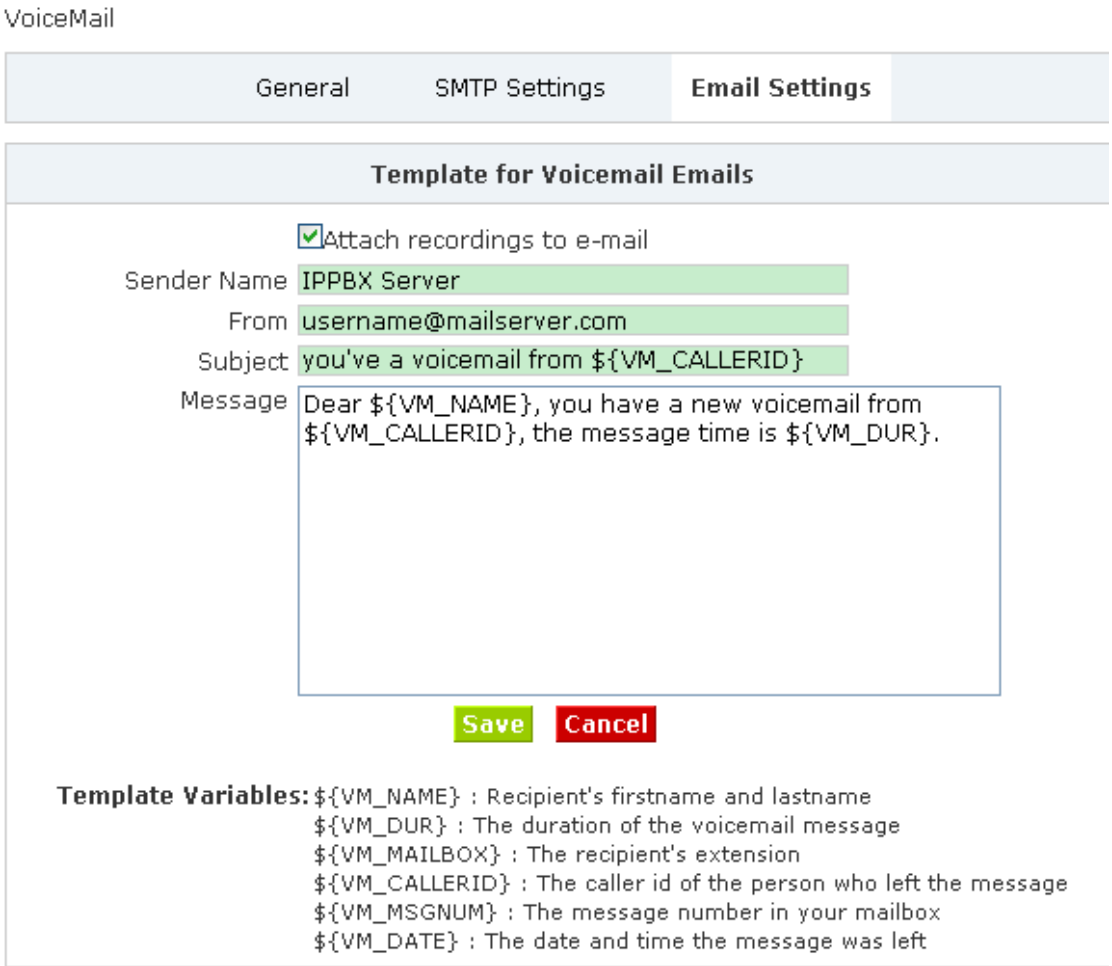
SMTP Settings:



Item	Explanation
SMTP server	In order to send e-mail notifications of your voicemail,set the IP address or domain name of a SMTP server that

	your IP PBX may connect to. eg: mail.yourcompany.com
Port	The port number which the SMTP server running is generally port 25. If SSL is encrypted, please use port 465 instead.
SSL/TSL	Enable use SSL/TLS to send secure messages to server.
Enable SMTP Authentication	If your SMTP server needs Authentication, please enable SMTP Authentication, and configure the following information.
Username	Input username of your email box.
Password	Input password of your email box.

Email Settings


VoiceMail
General
SMTP Settings
Email Settings
Template for Voicemail Emails
Attach recordings to e-mail
Sender Name
IPPBX Server
From
username@mailserver.com
Subject
you've a voicemail from ${VM_CALLERID}
Message
Dear ${VM_NAME}, you have a new voicemail from ${VM_CALLERID}, the message time is ${VM_DUR}.
Save
Cancel
Template Variables:
${VM_NAME} : Recipient's firstname and lastname
${VM_DUR} : The duration of the voicemail message
${VM_MAILBOX} : The recipient's extension
${VM_CALLERID} : The caller id of the person who left the message
${VM_MSGNUM} : The message number in your mailbox
${VM_DATE} : The date and time the message was left

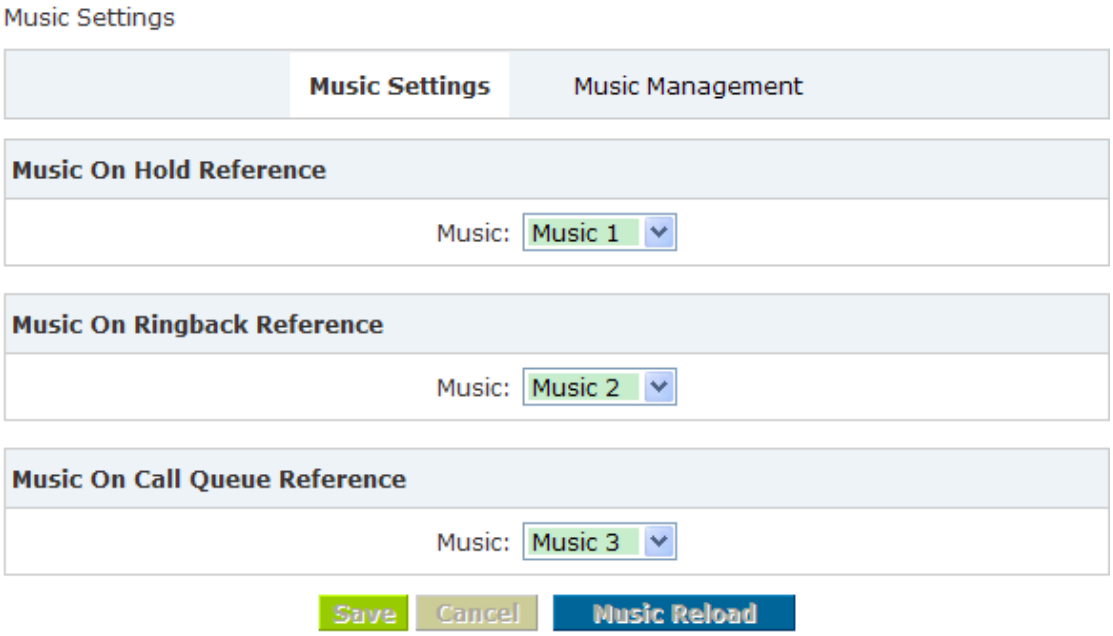
Item	Explanation
Attach recordings to e-mail	This option defines whether or not voicemails are sent to the Users' e-mail addresses as attachments.
Sender Name	Display the Sender name when you receive a voicemail.
From	Sender's email address
Subject	Subject of the mail

Message	The message pattern

4.3 Music Settings

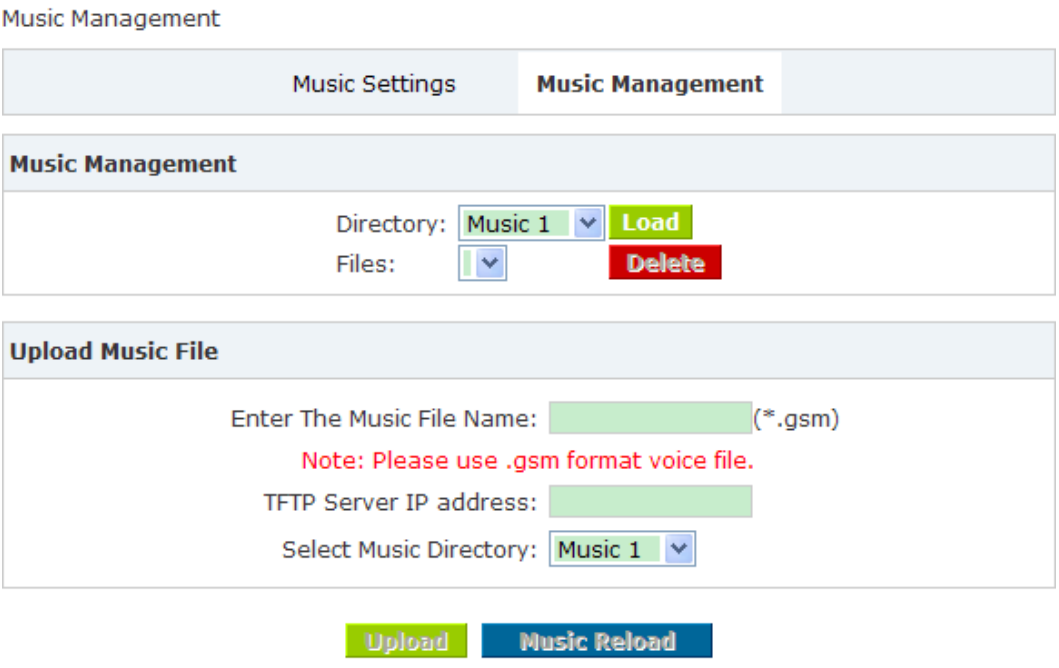
Management for music on hold, music on ringback, music on call queue.
Click【Music Settings】 to display the dialog as below:

Music Settings:



Please define different music file for different music folders.

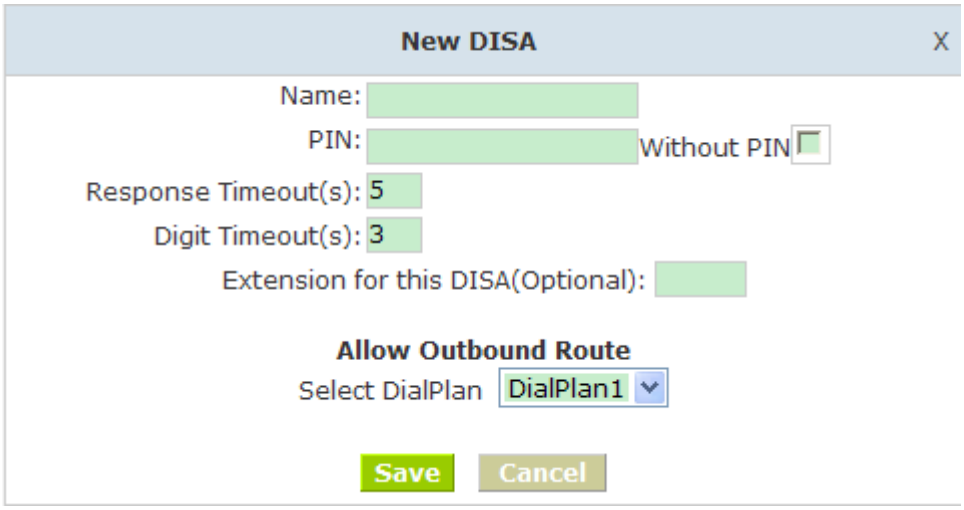
Music Management:



Item	Explanation
Directory	Load music in the music file.
Files	Display music in the music file, or you can delete it.
Enter The Music File Name	Input music file name which you want to upload.(GSM/ WAV format, If it's WAV, it must be accord with PCM 16 bits, 8000HZ format)
TFTP Server IP address	Please enter your TFTP server IP address.
Select Music Directory	Select directory where the uploaded music file will be saved.

4.4 DISA

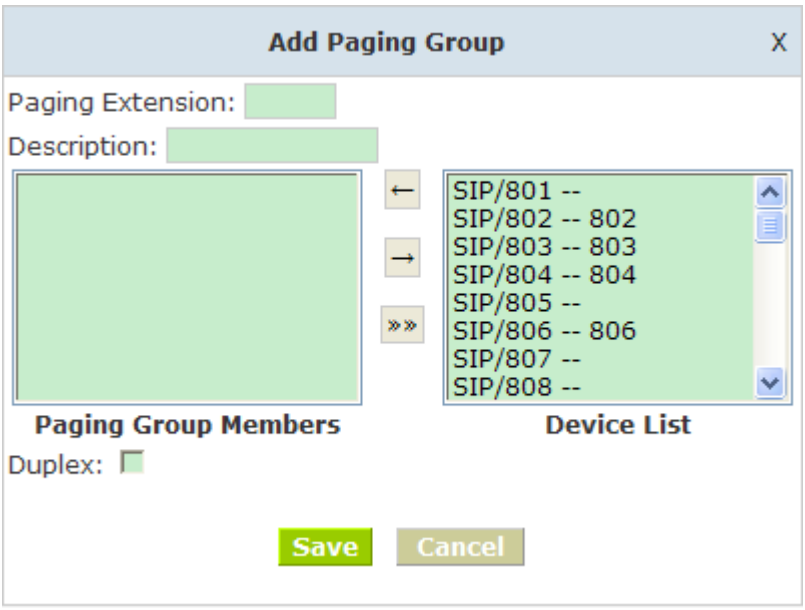
A trunk call into the PBX, and call to another trunk through outbound route of the PBX. Eg: This trunk can make international call, you are out of the office and want to contact with your customer in foreign country, now you can dial DISA number, after PIN authentication, you are connected to your customer, and you can speak to your customer now.
Click【DISA】---【New DISA】to display the dialog as below:



Item	Explanation
Name	Give this DISA a brief name to help you identify it.
PIN	The user will be prompted for this number
Response Timeout(s)	The maximum amount of time it will wait before hanging up if the user has dialed an incomplete or invalid number. Default is10 seconds.
Digit Timeout(s)	The maximum amount of time permitted between digits when the user is typing in an extension. Default is 5 seconds.
Extension for this DISA (Optional)	If you want this DISA to be accessible by dialing an extension, you can define an extension number for this DISA.
Select DialPlan	Set the DialPlan that calls will originate from.

4.5 Paging And Intercom

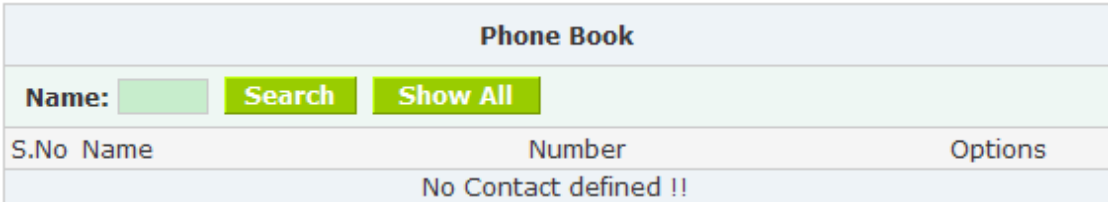
Paging And Intercom is used for calling a paging extension, all terminals which support this function will be picked up automatically and listen, meanwhile, it supports duplex.
Click【Paging And Intercom】---【Add Paging Group】to display the dialog as below:



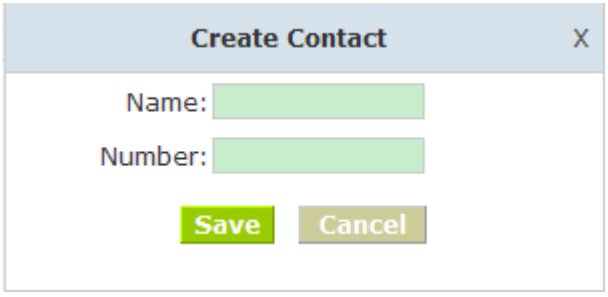
Item	Explanation
Paging Extension	The number users will dial to page this group.
Description	Provide a descriptive title for this Page Group.
Paging Group Members	Selected device(s) in this page
Device List	Select Device(s) to Page.
Duplex	Paging is typically one way for announcements only. Checking this will make the paging duplex, allowing all phones in the paging group to be able to talk and be heard by all. This makes it like an "instant conference".

4.6 Phone Book

If incoming call was matched with the number in the phone book, the incoming call will display the name of matched number.
Click【Phone Book】to display the dialog as below:



- Search Input contact name to search
- Show All Show all contacts



- Name Add contact's name, Alphabetic or numeric only.
- Number Add contact's number, international phone number is supported.

4.7 PIN Set

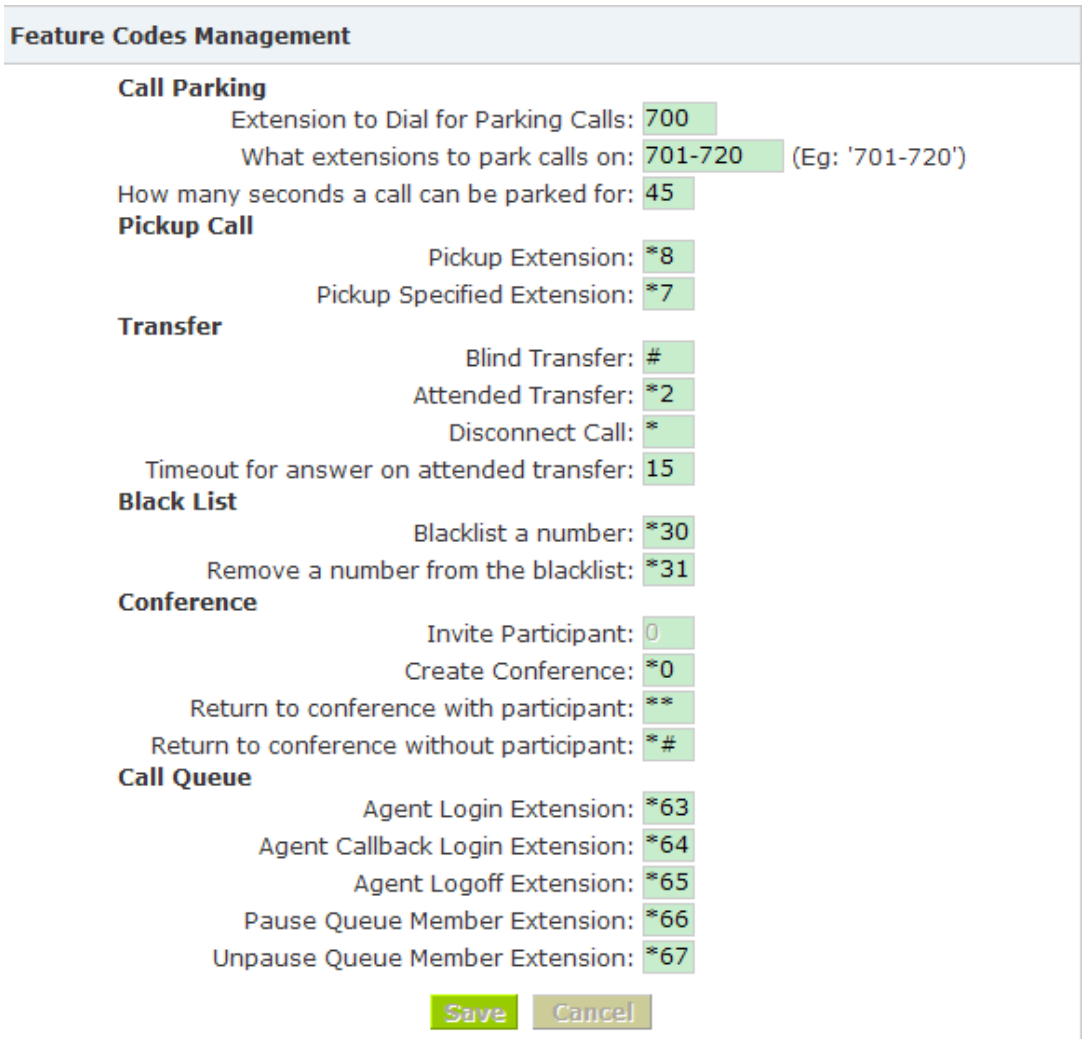
PIN Set will distribute one PIN Code to different extension user, if you selected PIN Set on the Dial rule page in Outbound menu, the extension user who has the PIN code can dial long distance call. Click【Pin Set】to show the dialog as below:

Pic. 4.9-1 Add a PIN Set

- PIN Set Name Set the PIN Sets Name
- PIN List Enter a list of one or more PINs. One PIN per line.

4.8 Feature Codes

Click【 Feature Codes】to display the dialog as below, you can define relevant parameter.


Feature Codes Management
Call Parking
Extension to Dial for Parking Calls: 700
What extensions to park calls on: 701-720 (Eg: '701-720')
How many seconds a call can be parked for: 45
Pickup Call
Pickup Extension: *8
Pickup Specified Extension: *7
Transfer
Blind Transfer: #
Attended Transfer: *2
Disconnect Call: *
Timeout for answer on attended transfer: 15
Black List
Blacklist a number: *30
Remove a number from the blacklist: *31
Conference
Invite Participant: 0
Create Conference: *0
Return to conference with participant: **
Return to conference without participant: *#
Call Queue
Agent Login Extension: *63
Agent Callback Login Extension: *64
Agent Logoff Extension: *65
Pause Queue Member Extension: *66
Unpause Queue Member Extension: *67
Save
Cancel

Item	Explanation
Extension to Dial for Parking Calls	Set Call Parking number.
What extensions to park calls on	What extensions to park calls on, eg: (701-720)
How many seconds a call can be parked for	Set the call time by second, if it's time out, system will call the previous extension again.
Pickup Extension	Set Pickup Extension.
Pickup Specified Extension	Set Pickup Specified Extension, default: dial *7+extension to pickup the extension.
Blind Transfer	Allow unattended or blind transfers. It works like this: While on a conversation with A, you dial the blind transfer key sequence. The system says "Transfer" then gives you a dial tone, while A is on hold. You dial the transferee number (B's number) and A is put through to B immediately. Your line is off. The caller ID displayed to B is exactly the same as the caller ID presented to you.

Attended Transfer	Allow attended transfer or supervised transfer. It works like this: While on conversation with A, you dial the Attended Transfer key sequence. The system says "Transfer" then gives you a dial tone, while A is on hold. You dial the transferee number(B's number) and talk with B to introduce the call, then you can hang up and A will be connected with the B. In case B does not want to answer the call, he/she simply hangs up and you will be back to your original conversation.
Disconnect Call	Disconnect the current transfer call(for Attended transfer).
Timeout for answer on attended transfer	Set the answer timeout value.
Blacklist a number	Add a black list number.
Remove a number from the black list	Remove a black list number.
Invite Participant	The administrator can invite another person by pressing 0 when he/she is in the conference. When you press 0, you will get a dialtone to enter the number of part A you also would like to invite. After the call has been established and you talk to B, you can press ** to direct him to the conference, or *# to hang up the current call and return to the conference yourself.
Create Conference	While you speak with another party you can press *0, you and the callee are immediately transferred to conference.
Return to conference with participant	The administrator can invite another person by pressing 0 when he/she is in the conference. When you press 0, you will get a dialtone to enter the number of part A you also would like to invite. After the call has been established and you talk to B, you can press ** to direct him to the conference, or *# to hang up the current call and return to the conference yourself
Return to conference without participant	The administrator can invite another person by pressing 0 when he/she is in the conference. When you press 0, you will get a dialtone to enter the number of part A you also would like to invite. After the call has been established and you talk to B, you can press ** to direct him to the conference, or *# to hang up the current call and return to the conference yourself.
Agent Login Extension	Logs the current caller into the queue as a call agent. Once logged in, the agent can take calls with the phone off-hook; each call is preceded by a warning tone. Calls are ended by pressing the "*" key.
Agent Callback Login Extension	Extension to be dialed for the Agents to Login to the Specific Queue.

	Same as Agent Login Extension, except you do not have to remain on the line.
Agent Logoff Extension	Agent logoff from the queue.
Pause Queue Member Extension	'Pauses' a queue member. so that the member can not receive calls.
Unpause Queue Member Extension	'Unpause' a queue member who is 'paused' previously. so that the member can receive calls again.

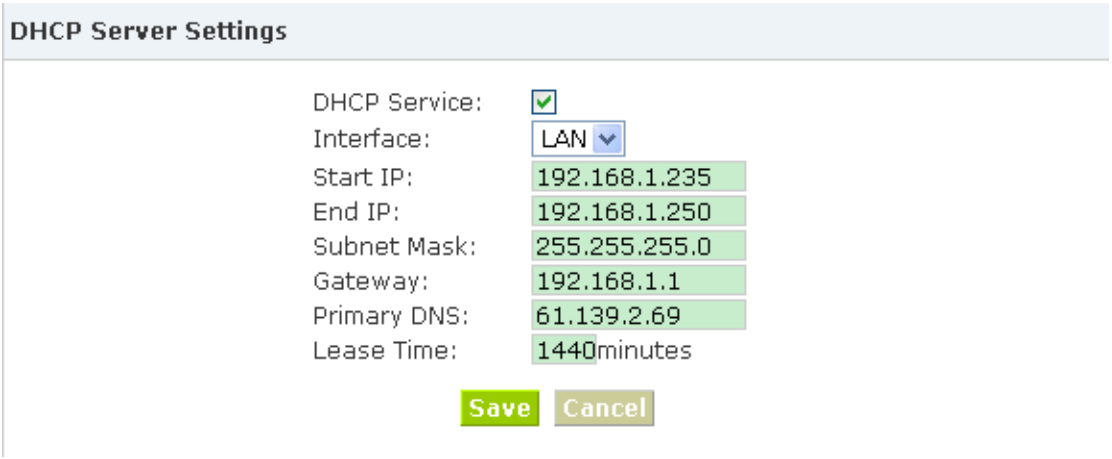
4.9 Auto Provision

When you need many IP Phone for using, please record the MAC, extension number, and username of each phone according to the format (please take reference of the auto provision script file model for details) , then, import the format file, once the phone is connected to the local network, it will get the extension number and password automatically.

There are two operation methods to fulfill this function, please see details as below:

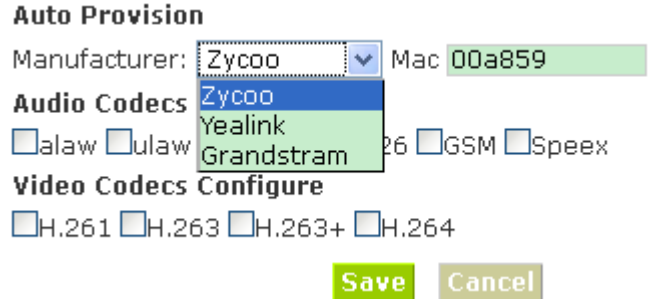
Enable DHCP service

Click【System】->【Network Advanced】, enable DHCP Server in the dialog as below:



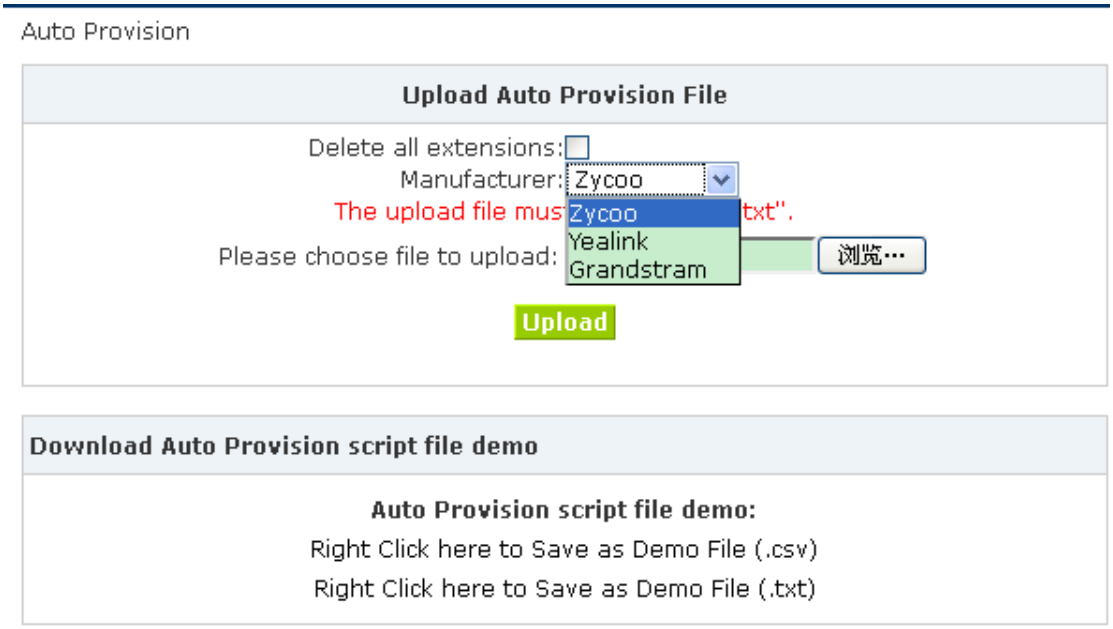
Method 1：

Click【 Extension】->【Creat New User】，select the relative IP Phone manufacture, and input relative MAC in the part of Auto Provision, Save and Activate.



Method 2：

Click【Auto Provision】 to download auto provision script file model, this script file model support csv and txt format, Mac, Extension, Fullname must be filled,<password>,<IP Phone version> could be optional. Save it in your local PC after you fill based on the model format, select the relative manufacture on this page and upload.



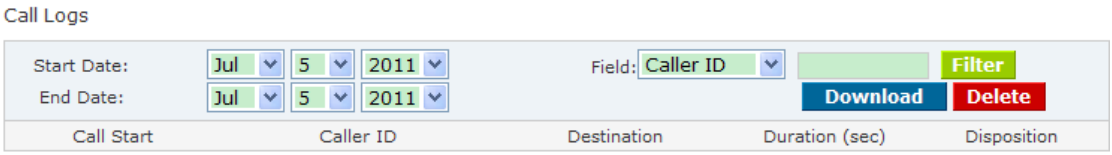
Chapter 5 Status

This chapter will introduce you the status of record list, call logs, system info, register status etc.

5.1 Call Logs

Check call logs of extension by caller ID or callee ID. Click【Call Logs】 to display the dialog as below:

Call Logs Interface

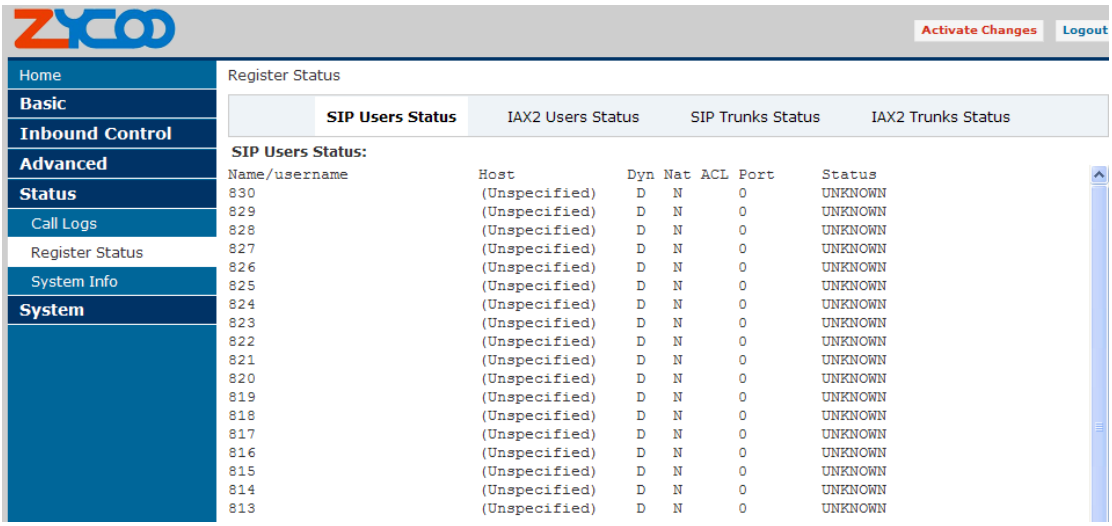


Note:

Duration in the call logs is not real charged duration, if you need billing, PSTN must support polarity reversal function, meanwhile, you must configure relevance parameters of polarity reversal in trunk configuration for the IP PBX.

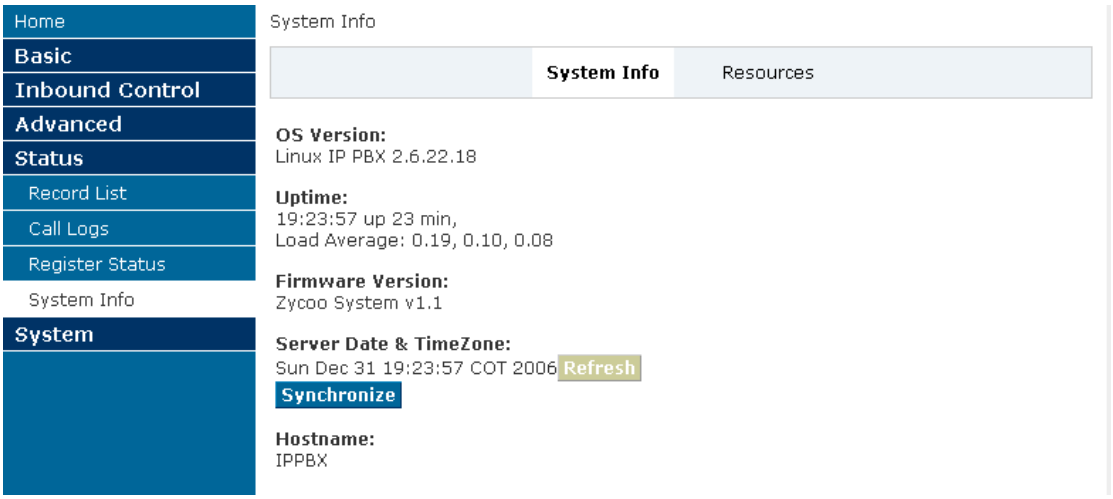
5.2 Register Status

Check SIP/ IAX2 User, and SIP/IAX2 Trunk status. Click【Register Status】to display the dialog as below:


Activate Changes
Logout
Home
Basic
Inbound Control
Advanced
Status
Call Logs
Register Status
System Info
System
Register Status
SIP Users Status
IAX2 Users Status
SIP Trunks Status
IAX2 Trunks Status
SIP Users Status:
Name/username Host Dyn Nat ACL Port Status
830 (Unspecified) D N 0 UNKNOWN
829 (Unspecified) D N 0 UNKNOWN
828 (Unspecified) D N 0 UNKNOWN
827 (Unspecified) D N 0 UNKNOWN
826 (Unspecified) D N 0 UNKNOWN
825 (Unspecified) D N 0 UNKNOWN
824 (Unspecified) D N 0 UNKNOWN
823 (Unspecified) D N 0 UNKNOWN
822 (Unspecified) D N 0 UNKNOWN
821 (Unspecified) D N 0 UNKNOWN
820 (Unspecified) D N 0 UNKNOWN
819 (Unspecified) D N 0 UNKNOWN
818 (Unspecified) D N 0 UNKNOWN
817 (Unspecified) D N 0 UNKNOWN
816 (Unspecified) D N 0 UNKNOWN
815 (Unspecified) D N 0 UNKNOWN
814 (Unspecified) D N 0 UNKNOWN
813 (Unspecified) D N 0 UNKNOWN

5.3 System Info

Check OS version, firmware version and memory, etc from here.
Click【System Info】to display the dialog as below:

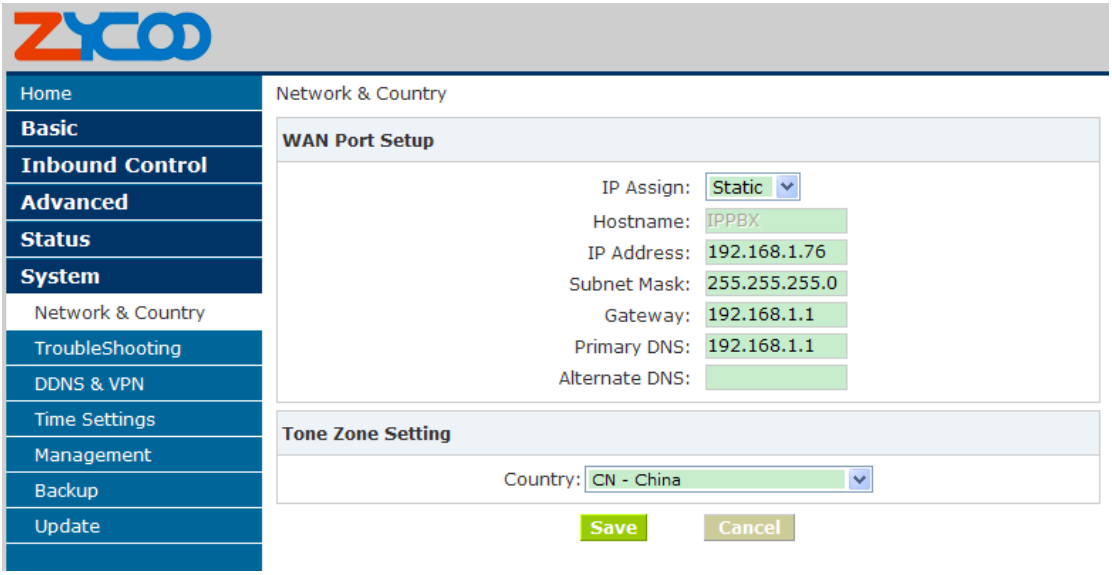


Chapter 6 System

This chapter will introduce you how to configure the system of ZYCOO IP PBX.

6.1 Network & Country

Configure WAN IP, and tone zone.
Click【Network & Country】to display the dialog as below:



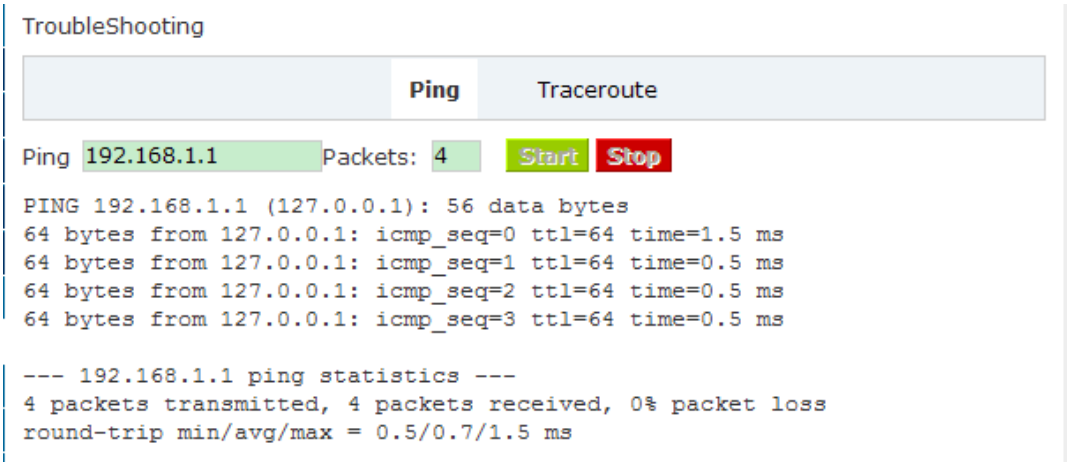
- IP Assignment Support Static, DHCP and PPPoE.
- Tone Zone Setting Define the tone for home country or zone.

6.2 TroubleShooting

You can ping other network device through ZYCOO IP PBX and track network route by

command "Traceroute" .

Click【TroubleShooting】to display the dialog as below:

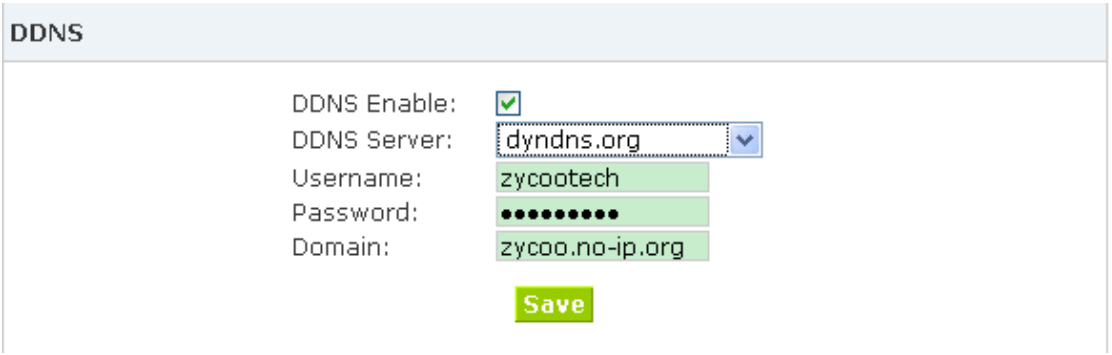

TroubleShooting
Ping
Traceroute
Ping 192.168.1.1 Packets: 4 Start Stop
PING 192.168.1.1 (127.0.0.1): 56 data bytes
64 bytes from 127.0.0.1: icmp_seq=0 ttl=64 time=1.5 ms
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.5 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.5 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.5 ms
--- 192.168.1.1 ping statistics ---
4 packets transmitted, 4 packets received, 0% packet loss
round-trip min/avg/max = 0.5/0.7/1.5 ms

6.3 DDNS & VPN

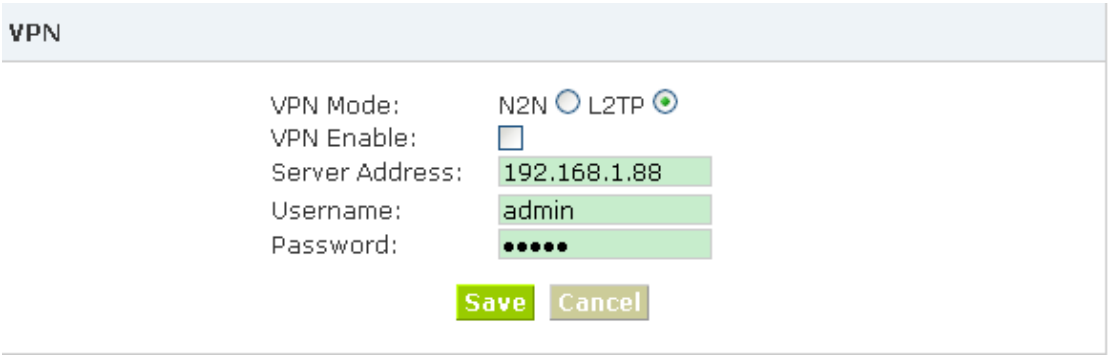
After configure DDNS, you can visit by domain remotely.

Click【DDNS & VPN】to display the dialog as below:

DDNS Settings:



VPN Settings:



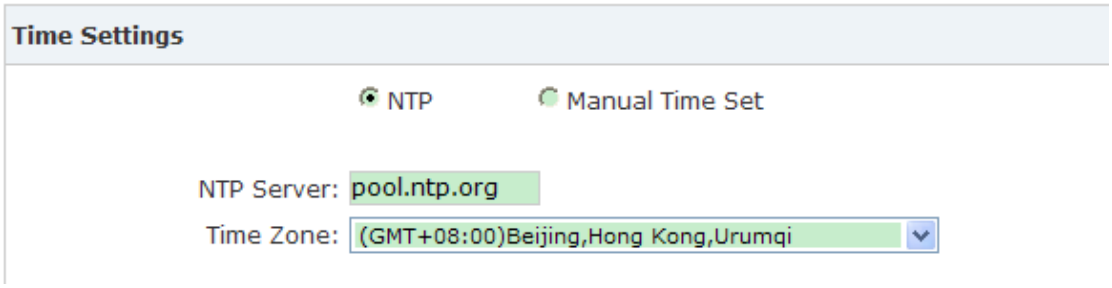
Note:

1) DDNS supports the domain provided by Dyndns.org/ No-ip.com / zoneedit.com only.
2) VPN supports N2N/L2TP only.

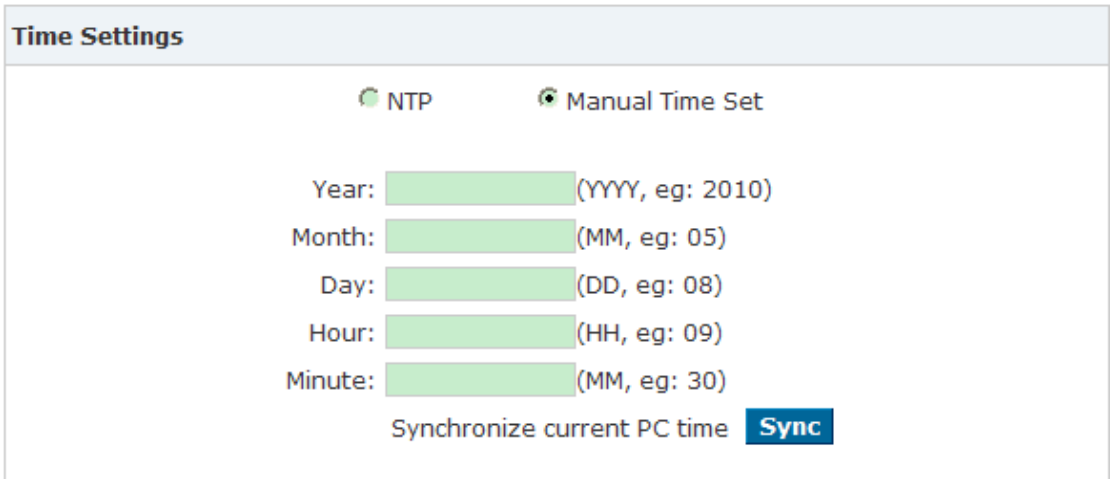
6.4 Time Settings

Click【Time Settings】to display the dialog as below:

Time Settings



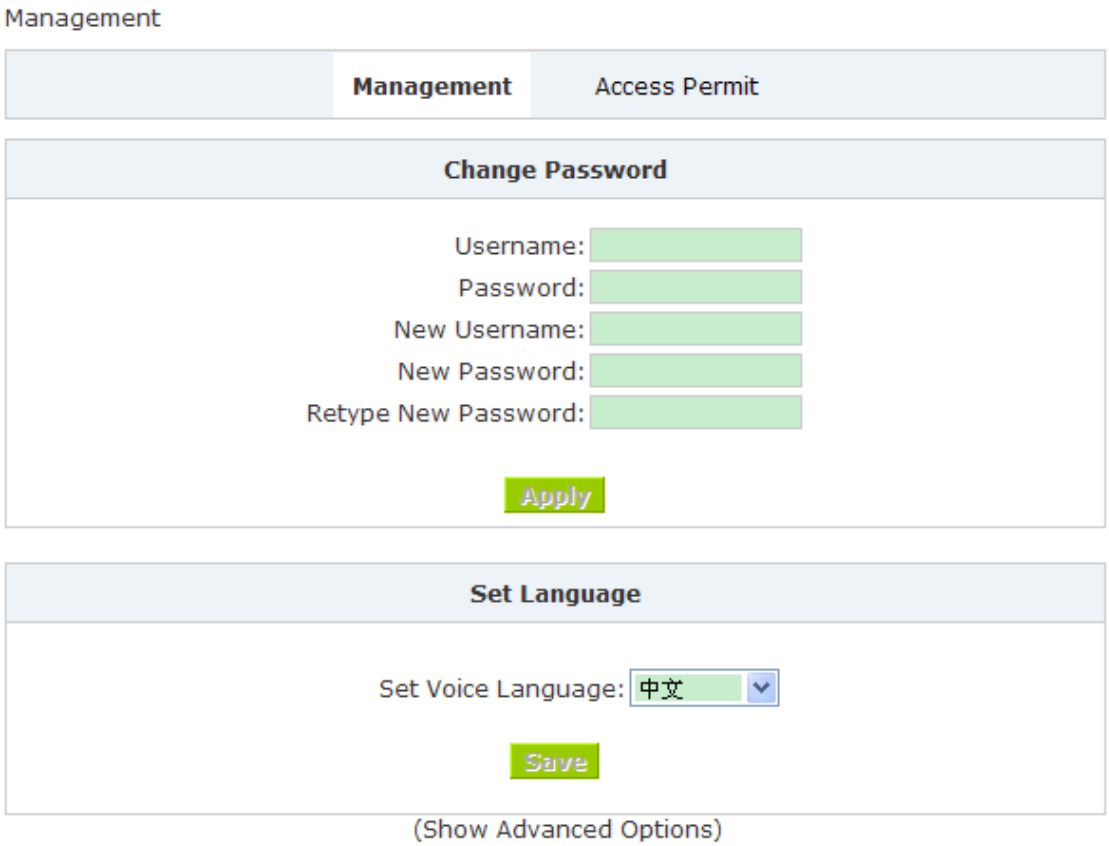
Time Settings



Item	Explanation
NTP Server	Specify the NTP server that you wish to use. You may type either the domain name or the IP address of the server, and it may be either remote or local. The default server is pool.ntp.org. Be aware that the PBX needs to be able to connect to a NTP server for perfect function.
Time Zone	Select your time zone so that the system will set time based on the time zone.
Synchronize with current PC time	Click the button to synchronize the PBX time with the current PC time.

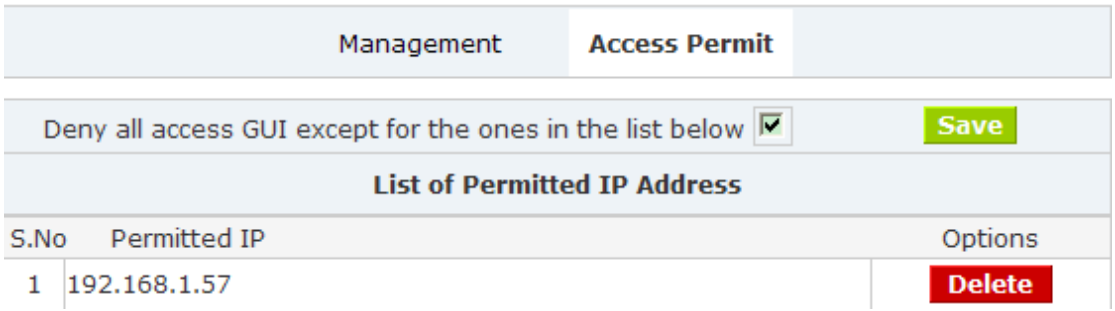
6.5 Management

Management on username, password, access permit, etc. Click【Management】to display the diagram as below:



- Change Password You can change the password of admin here (default password is admin)
- Set Language Set voice language of the system. And you can set the SIP & Analog channel here by clicking "Show Advanced Options"

Click【Management】---【Access Permit】to display the dialog as below:

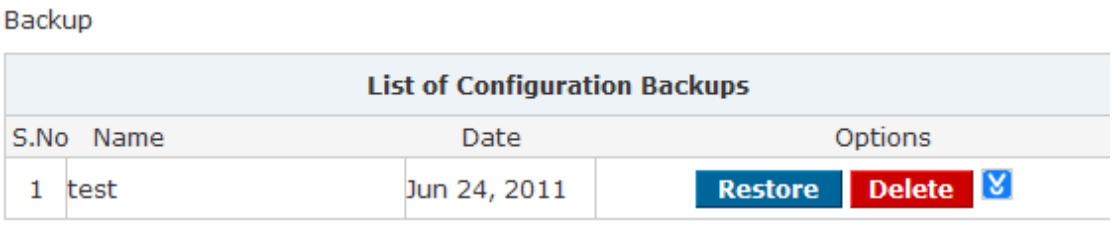


Note:

After you added a permitted IP, you can only login to the system by this IP, other IP address isn't effective to login to the system.

6.6 Backup

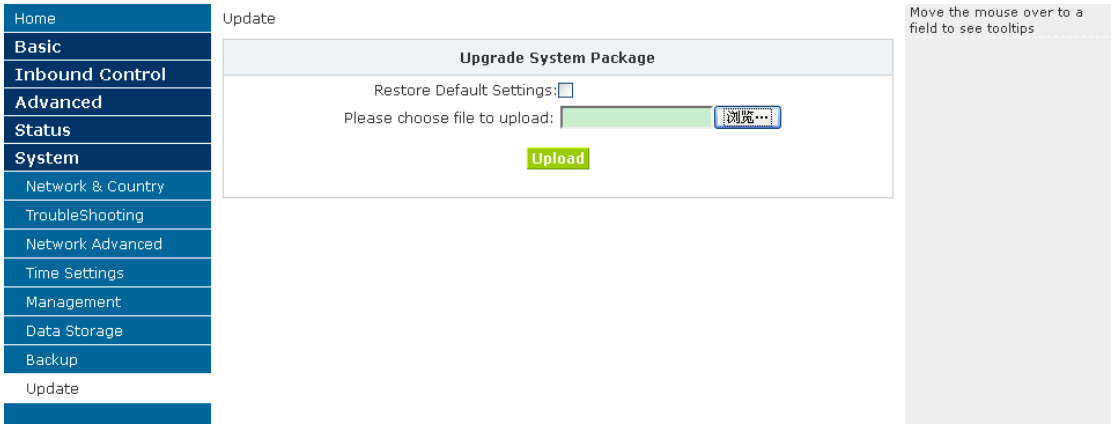
Backup all the settings. Click【Backup】to display the dialog as below:



- Restore Restore your selected backup file to system.
- Delete Delete your selected backup file.
- Download your selected backup file to your PC. (Note: Please don't change the backup file name.)

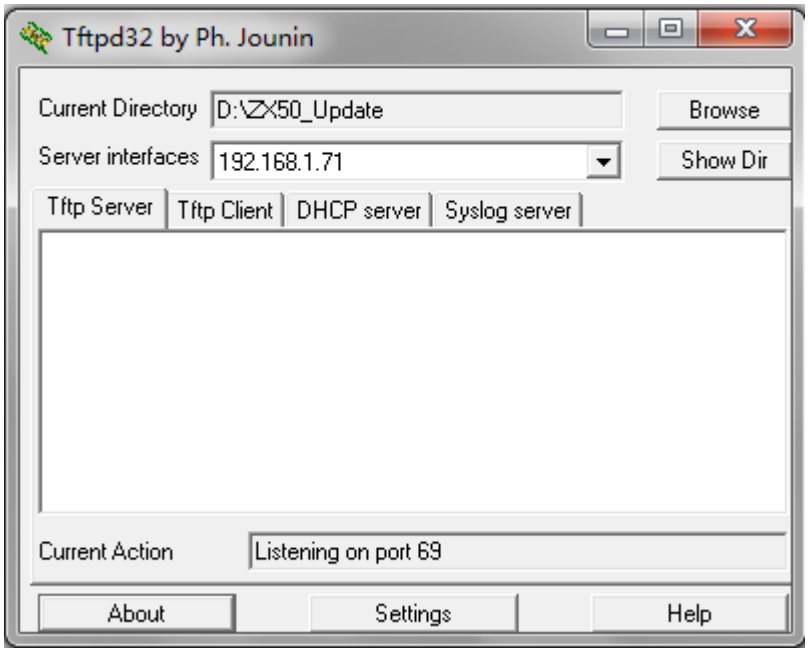
6.7 Update

- Click【Update】to upgrade your system by uploading backup file display the following dialog:



Extract the downloaded firmware package which includes one TFTP server and one upgrading file.

Run TFTP server, you will see the following interface:



Go into the "update" page, and upload firmware;

Enter the package name uImage-md5

Enter **TFTP Server IP address,** 192.168.1.71

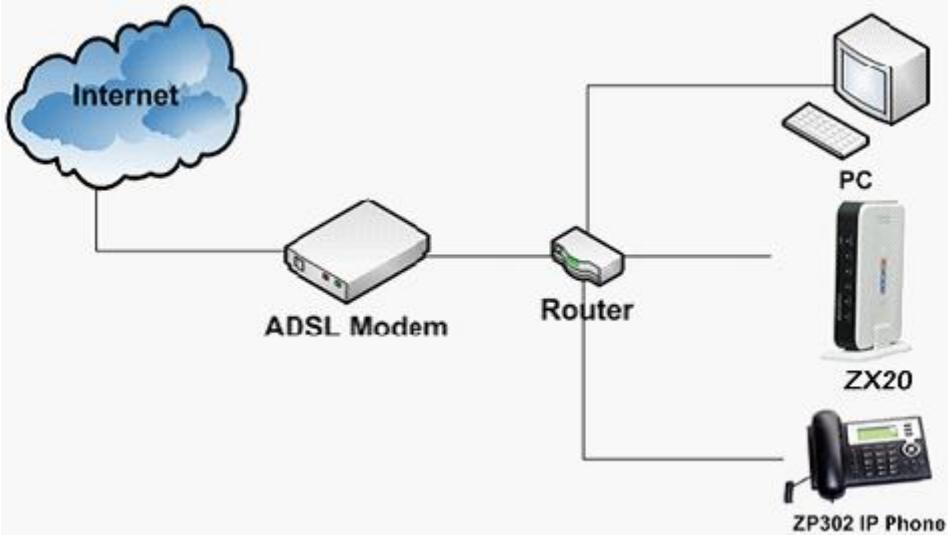
Click **Update** button to finish upgrading system package after entering the TFTP Server IP. Then system will reboot automatically.

Chapter 7 Operating Instruction

This chapter will introduce you how to use ZYCOO IP PBX by example.

7.1 ZX20 IP PBX is behind Router

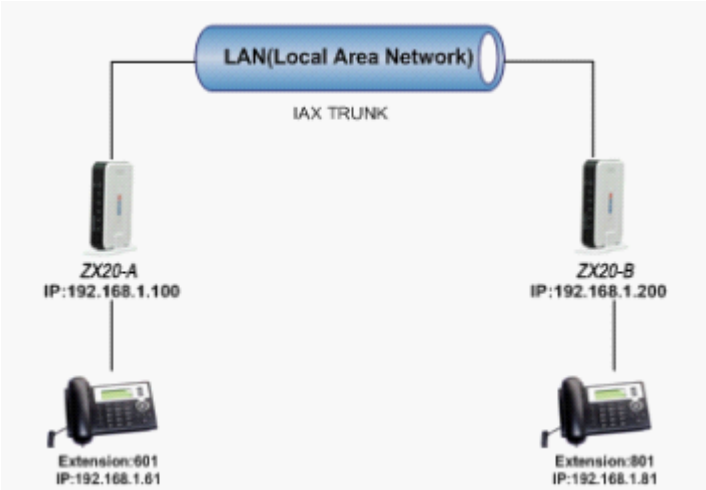
If your office access the public network through router, you can put the IP PBX behind the router. You should connect the WAN port of the IP PBX to the LAN ports of the router, and you can also connect HUB or Switch to the LAN port of the IP PBX to enable some PC or IP Phone to access the public network..



7.2 How to combine two ZX20 IP PBX in the same network

We start combining two IP PBX in the same network and then try to expand to different network.

Below is the structure of how to combine two IP PBX in the same LAN:



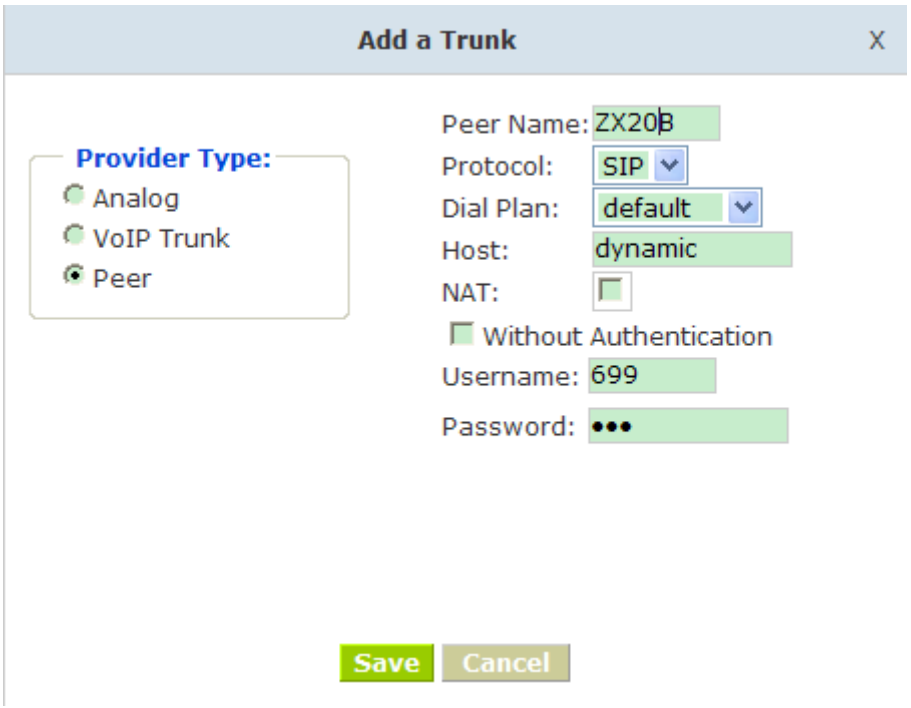
Register the ZX20-A as an peer in ZX20-B(via IAX2 trunk),so the extensions in ZX20-A can make calls to ZX20-B's extensions via this "special" trunk.

In above structure:

1. ZP302A registers to ZX20-A as extension 601.
2. ZP302B registers to ZX20-B as extension 801.
3. All the extensions under ZX20-A are in the format 6XX.
4. All the extensions under ZX20-B are in the format 8XX
5. Extensions under ZX20-A can make calls to extension under ZX20-B with format 8XX.
6. Extensions under ZX20-B can make calls to extension underZX20-A with format 6XX.

Step 1: *Set up a peer 699 in ZX20-A*

In the page Trunks→ Add a Trunk



Peer Name: ZX20B ;

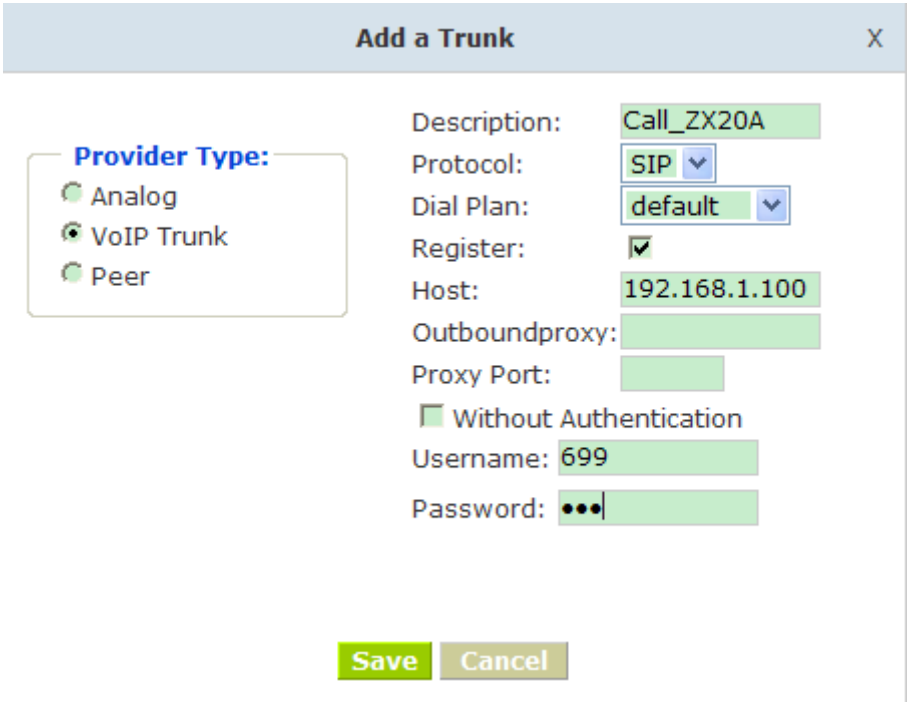
Peer Username: 699 Account of this Peer

Password: 699 IAX2 Log on password

Advance Options: Select IAX protocol

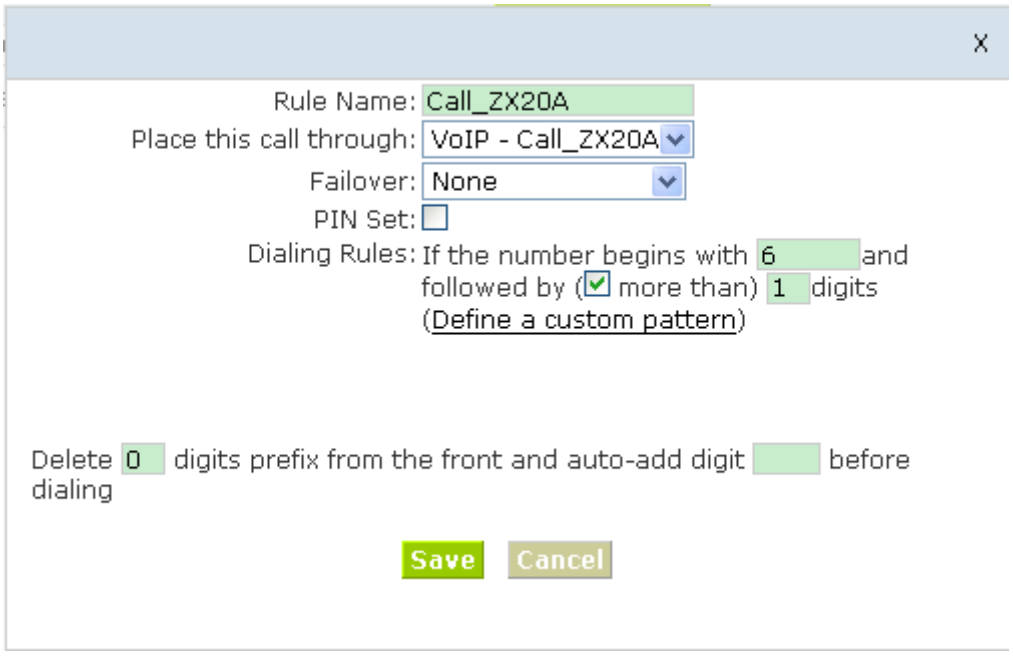
Step 2: *Set up an IAX trunk in ZX20-B to connect to ZX20-A via this ZX20B Peer.*

In the page Trunks--> Add a Trunk



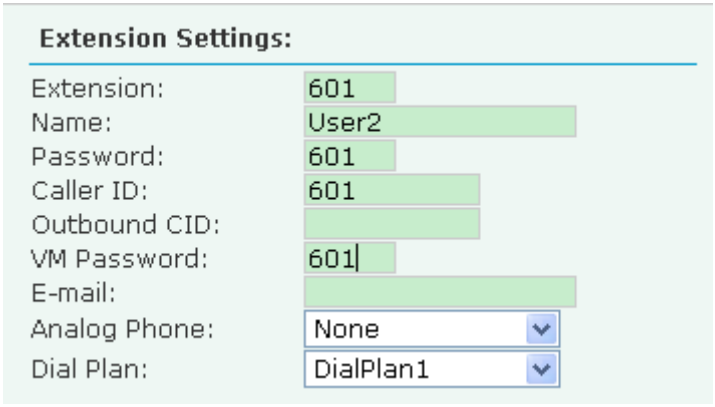
Step 3: *Set Dial Rule in ZX20-B, all calls starting with 6 will be sent to ZX20-A.*

In the page: Outbound Routes --> Add a Dial Rule


X
Rule Name: Call_ZX20A
Place this call through: VoIP - Call_ZX20A
Failover: None
PIN Set:
Dialing Rules: If the number begins with 6 and
followed by (more than) 1 digits
(Define a custom pattern)
Delete 0 digits prefix from the front and auto-add digit before
dialing
Save
Cancel

Step 4: *Set the user 601 and Dial Plan in ZX20-A.*

In the page: Extensions → Dial Plan



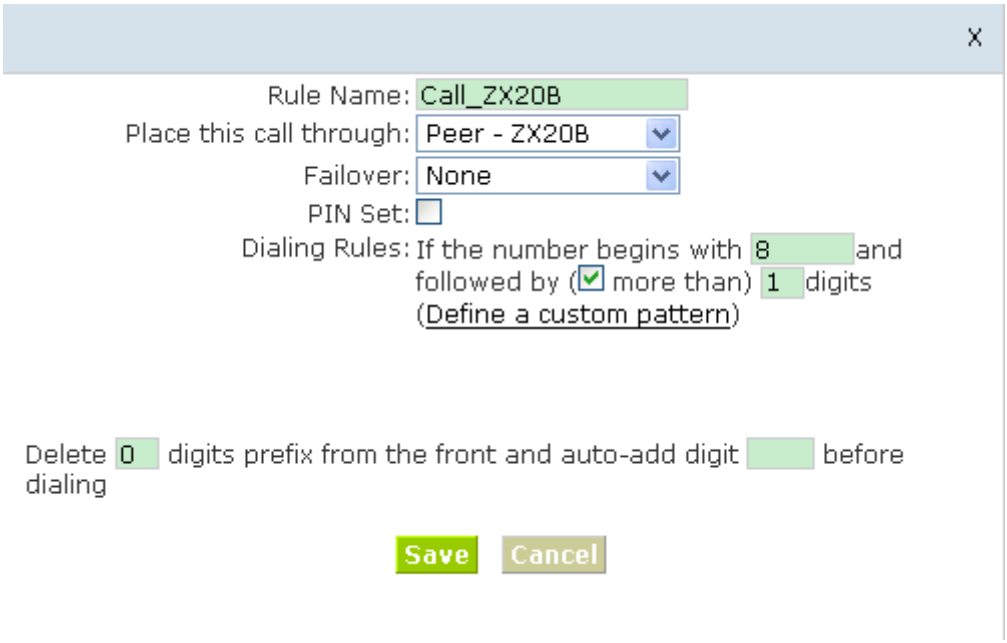
Activate the change and apply the test:

1. Register an IP phone ZP302B to ZX20-B with 801 extension.
2. Register an IP phone ZP302A to ZX20-A with 601 extension.
3. 801 call 601. And you can see 601 will ring and you can pick up the call.

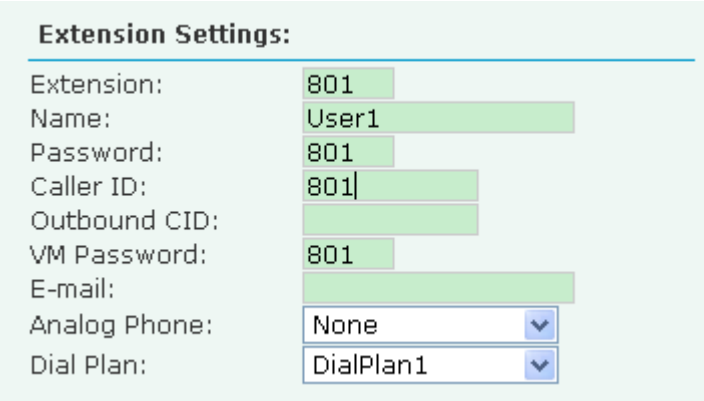
Above is the way to route ZX20-B's call to ZX20-A,

Accordingly, if you want to call from ZX20-A to ZX20-B, continue as below:

Step 5: *Set Dial Rule in ZX20-A all calls starting with 8 will be sent to ZX20-B.*


X
Rule Name: Call_ZX20B
Place this call through: Peer - ZX20B
Failover: None
PIN Set:
Dialing Rules: If the number begins with 8 and
followed by (more than) 1 digits
(Define a custom pattern)
Delete 0 digits prefix from the front and auto-add digit before
dialing
Save
Cancel

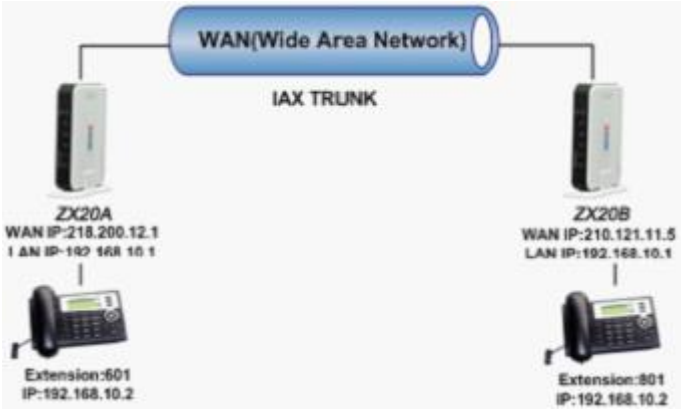
Step 6: *Set the user 801 and Dial Plan in ZX20-B*



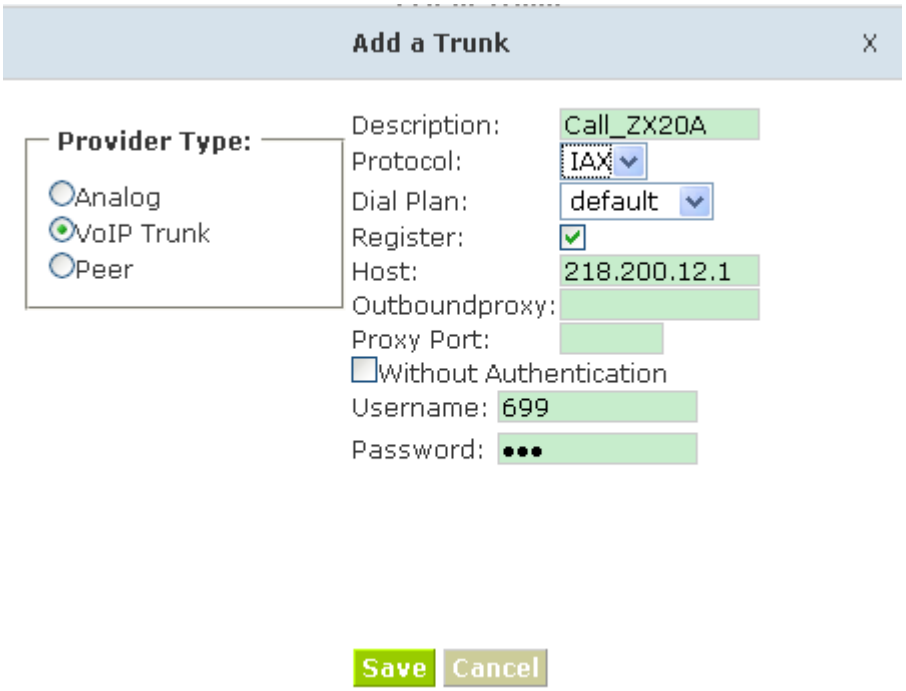
Activate the change and apply the test:
601 call 801, and 801 will ring and you can pick up the call.

7.3 How to combine two IPPBX in different network

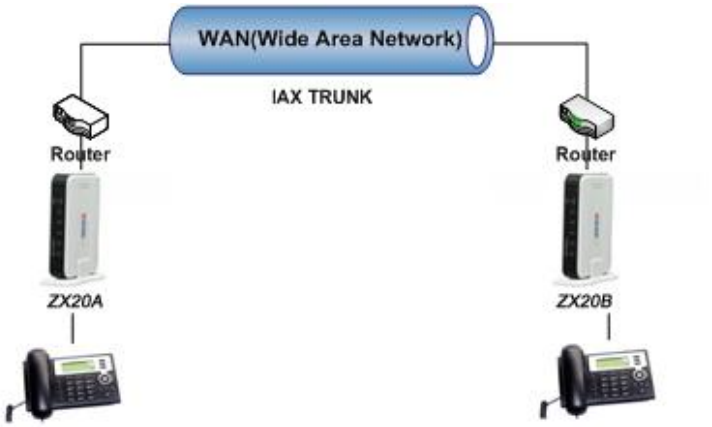
The general environment for two ZX20 in different locations is: two ZX20 IP PBX are both in the Internet and using the public IP.



The configuration is same as above guide(**7.2 Combine two ZX20 IP PBX in the same network**) , but use the public IP address as the "HOST" settings, set as below:
In the page Trunks of *ZX20-B*--> Add a Trunk

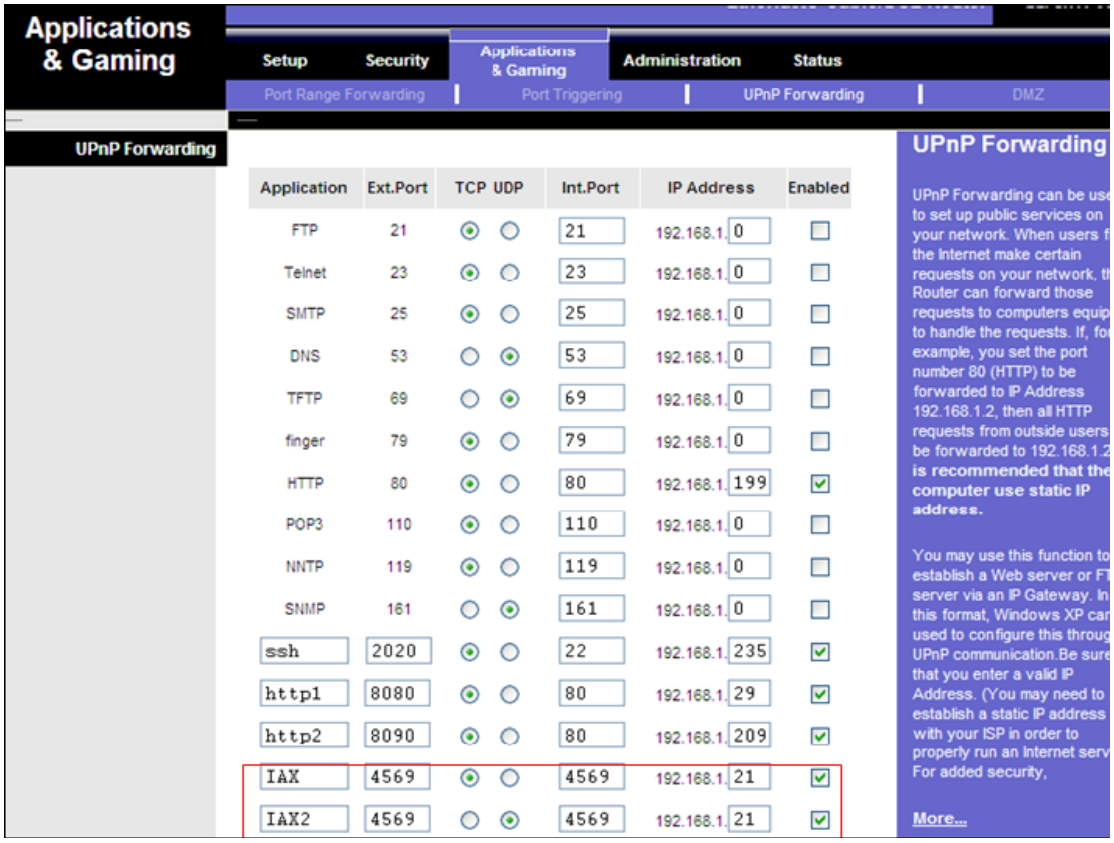


The general environment for two ZX20 IP PBX in different location and one or both two are behind router and using the private IP. So we need to make port forwarding in the router and make ZX20 IP PBX reach to each other.



Step 1: *Set port forwarding in the router for ZX20-A*

For the ZX20-A is behind the router, you need forward the IAX2 port in your router, so all the packets received on the router WAN port (210.11.25.127:4569) will be forwarded to the ZX20-A (192.168.1.21:4569). Below is the setting page in a linksys router:


Applications & Gaming
Setup
Security
Applications & Gaming
Administration
Status
Port Range Forwarding
Port Triggering
UPnP Forwarding
DMZ
UPnP Forwarding
Application
Ext.Port
TCP
UDP
Int.Port
IP Address
Enabled
FTP 21 21 192.168.1.0
Telnet 23 23 192.168.1.0
SMTP 25 25 192.168.1.0
DNS 53 53 192.168.1.0
TFTP 69 69 192.168.1.0
finger 79 79 192.168.1.0
HTTP 80 80 192.168.1.199
POP3 110 110 192.168.1.0
NNTP 119 119 192.168.1.0
SNMP 161 161 192.168.1.0
ssh 2020 22 192.168.1.235
http1 8080 80 192.168.1.29
http2 8090 80 192.168.1.209
IAX 4569 4569 192.168.1.21
IAX2 4569 4569 192.168.1.21
UPnP Forwarding
UPnP Forwarding can be use to set up public services on your network. When users f the Internet make certain requests on your network, th Router can forward those requests to computers equip to handle the requests. If, fo example, you set the port number 80 (HTTP) to be forwarded to IP Address 192.168.1.2, then all HTTP requests from outside users be forwarded to 192.168.1.2 is recommended that the computer use static IP address.
You may use this function to establish a Web server or FT server via an IP Gateway. In this format, Windows XP car used to configure this throug UPnP communication.Be sure that you enter a valid IP Address. (You may need to establish a static IP address with your ISP in order to properly run an Internet serv For added security,
More...

Step 2: *Set up the Provider Host in ZX20-B*

Set up the service provider and calling rule in ZX20-B to make it register to ZX20-A. This method is almost the same as above, EXCEPT you need to use the 210.11.25.127 as the service provider instead of 192.168.1.21.

Step 3: *Set port forwarding in the router for ZX20-B*

Use the same method as Step 1 to do port forwarding in router-B for ZX20-B as above.

Setp4: *Combine two ZX20 and make calls*

Accordingly, set the 601 users in ZX20-A and 801 users in ZX20-B, and build the correct dial rules as above, you can make calls between two the ZX20 IP PBX.

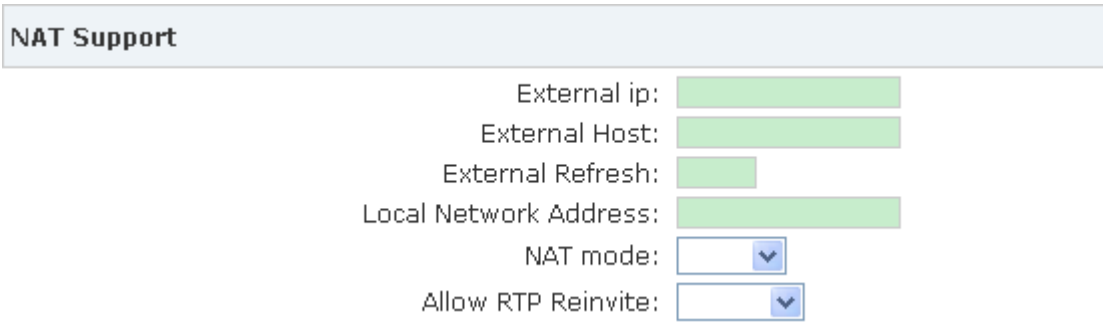
Note: You can also apply a DDNS to get one fixed domain for both ZX20 IP PBX and connect to each other rather than using the Port Forwarding in the router.

7.4 How to resolve problems about hearing on one side only

If your IP PBX is behind the Router, you should build an IP Address Map to resolve this problem as below:

Management---->Show Advanced Options ----> Global SIP Settings

--->NAT Support

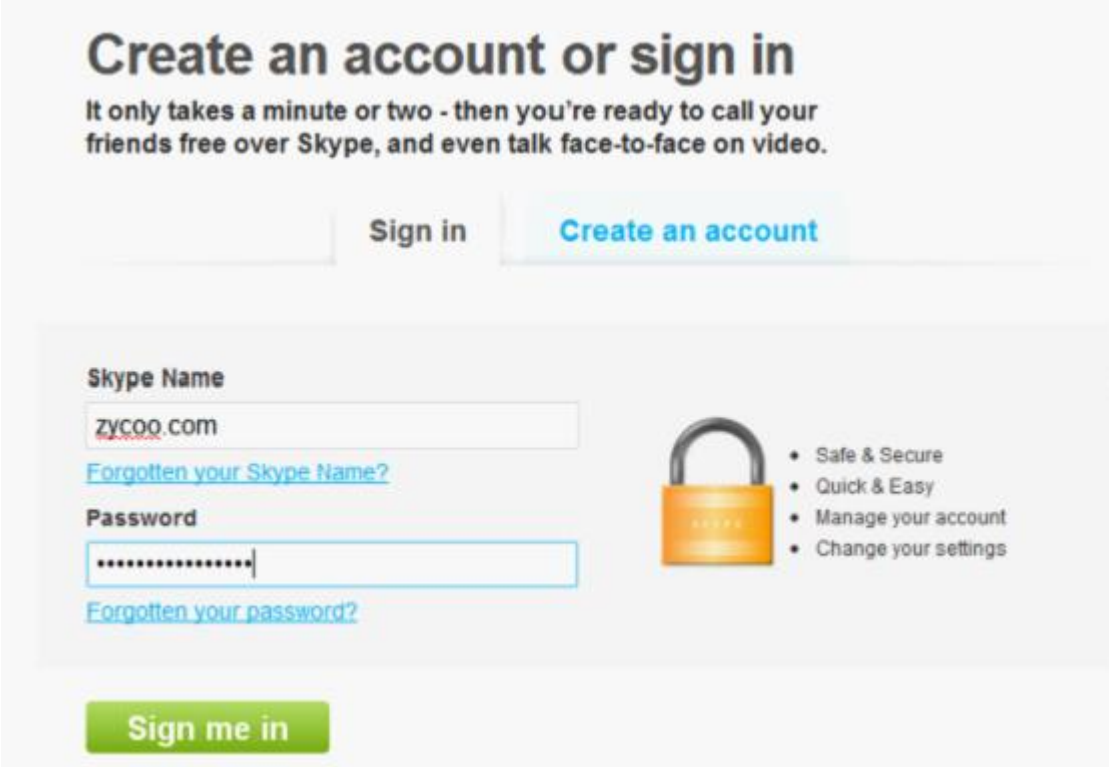


- External IP Replace your external IP address as your public IP or domain
- External Host Replace your external IP address as your public IP or domain
- External Refresh Set time for refresh, default is 10
- Local Network Address Replace your local network address and mask
- NAT mode If your IP PBX is behind the Router, set default as yes

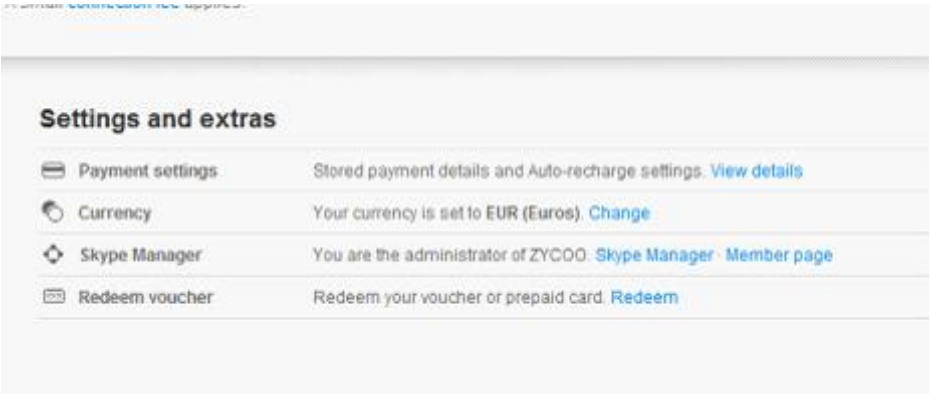
Chapter8 How to use Skype account in ZX20

Notice: The fee of your business account must be more than €50 when you use the account first time.

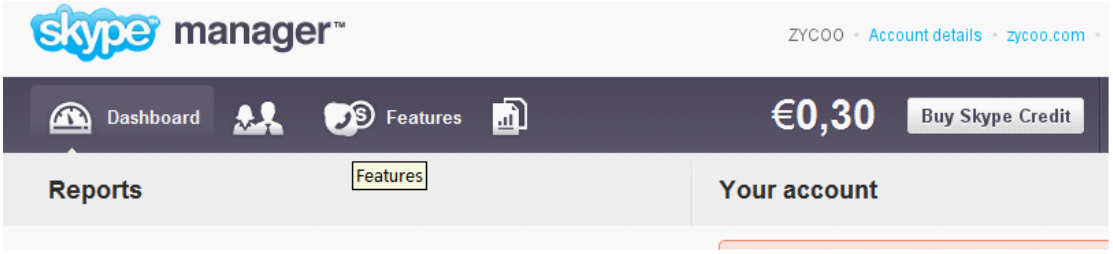
1. Sign in with the business account on this page:
https://login.skype.com/account/login-form?intcmp=sign-in&return_url=https://secure.skype.com/account/login


Create an account or sign in
It only takes a minute or two - then you're ready to call your friends free over Skype, and even talk face-to-face on video.
Sign in
Create an account
Skype Name
zycoo.com
Forgotten your Skype Name?
Password
Forgotten your password?
Sign me in
Safe & Secure
Quick & Easy
Manage your account
Change your settings

2.When you have signed in, please click **Skype Manager** at the end of this page.


Settings and extras
Payment settings
Stored payment details and Auto-recharge settings. View details
Currency
Your currency is set to EUR (Euros). Change
Skype Manager
You are the administrator of ZYCOO. Skype Manager · Member page
Redeem voucher
Redeem your voucher or prepaid card. Redeem

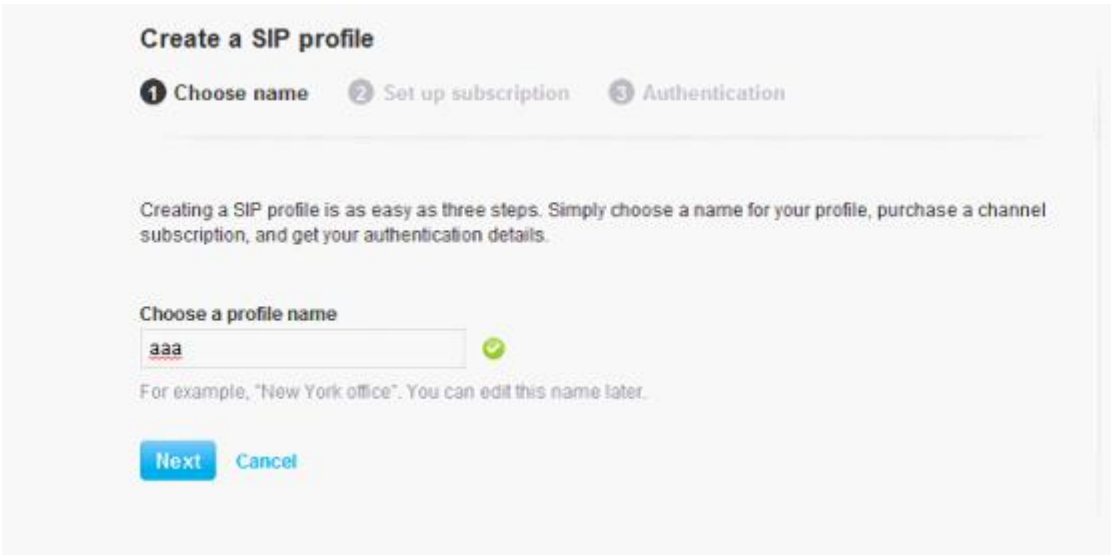
3.Please click the button **Features**.



4. Please click the **Skype connect**

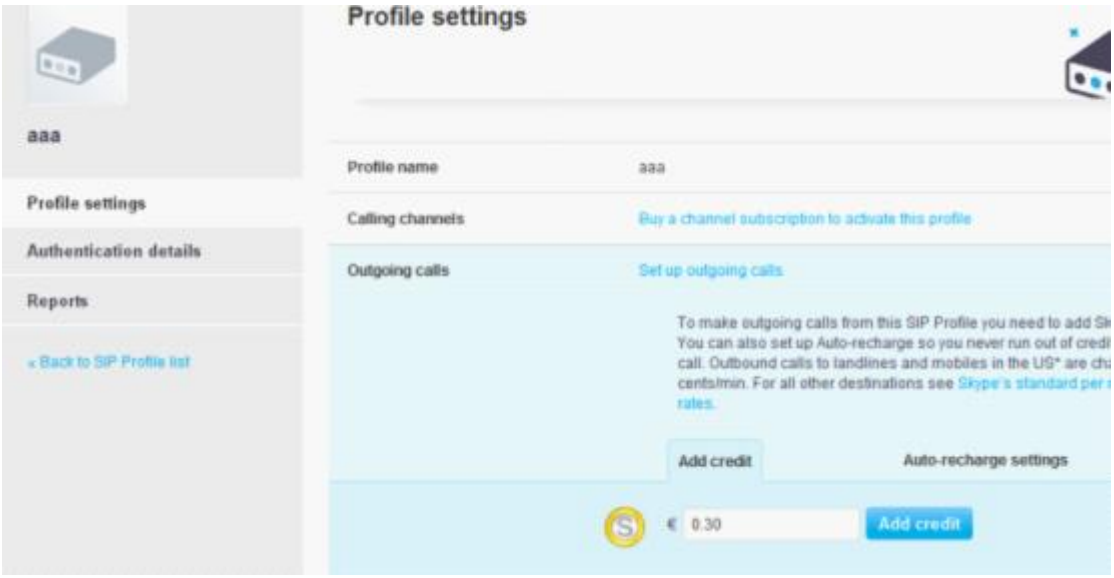
Subscriptions
0 members
Group video calling
0 members
Voicemail
0 members
Online Numbers
0 members
Call forwarding
0 members
Skype Connect
3 profiles
Connect your existing SIP-enabled PBX to Skype with Skype Connect. Learn more
Some of your SIP Profiles have been suspended because your Skype Manag
has insufficient credit available to pay for the channel subscription. Buy more
credit and the profiles will be reactivated.
Your SIP Profiles
Set up a SIP Profile
档案2 View profile

5. Create a SIP profile


Create a SIP profile
1 Choose name
2 Set up subscription
3 Authentication
Creating a SIP profile is as easy as three steps. Simply choose a name for your profile, purchase a channel subscription, and get your authentication details.
Choose a profile name
aaa
For example, "New York office". You can edit this name later.
Next
Cancel

Then you can create one sip account, you need pay for € 4.95 for one channel as monthly rent and you need input the register information to our VoIP trunk blank, then you can register to skype server. And you need assign money for outgoing calls, then you can call out.

Note: Skype Channel belongs to VoIP channel, so any calls from Skype will be directed to the same destination of VoIP.



Then you can see the sip account information by clicking **Authentications details**.